

SENATE.....

.....No. 1.

TWENTY-THIRD

ANNUAL REPORT

OF

THE TRUSTEES

OF THE

STATE LUNATIC HOSPITAL,

AT WORCESTER.

---

DECEMBER, 1855.

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BOSTON:

WILLIAM WHITE, PRINTER TO THE STATE.

1856.



## OFFICERS OF THE HOSPITAL.

### TRUSTEES.

REJOICE NEWTON, <i>President</i> ,	.	.	Worcester.
LINUS CHILD, <i>Secretary</i> ,	.	.	Lowell.
CHARLES H. STEDMAN,	.	.	Boston.
WILLIAM T. MERRIFIELD,	.	.	Worcester.
THOMAS COLT,	.	.	Pittsfield.

### TREASURER.

SAMUEL JENNISON,	.	.	Worcester.
OFFICE—SAVINGS BANK, FOSTER STREET.			

### RESIDENT OFFICERS.

GEORGE CHANDLER, M. D.,	.	.	Superintendent.
GEORGE ALLEN,	.	.	Chaplain.
MERRICK BEMIS, M. D.,	.	.	Assistant Physician.
EDWARD A. SMITH, M. D.,	.	.	Assistant Physician and Steward.
ELIZABETH A. REID,	.	.	Matron.
JOHN T. MIRICK,	.	.	Supervisor.
PHEBE S. MIRICK,	.	.	"



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TWENTY-THIRD ANNUAL REPORT  
OF THE  
TRUSTEES OF THE STATE LUNATIC HOSPITAL,  
AT WORCESTER,  
1855.

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*To His Excellency the Governor and the Honorable Council  
of the Commonwealth of Massachusetts :—*

The Trustees of the State Lunatic Hospital at Worcester, in compliance with the statute in such case provided, make their Twenty-third Annual Report.

For a particular account of the internal management, and the number and health of the patients, the Trustees refer to the full and luminous statement of the Superintendent, herewith transmitted.

It having become a settled fact early in the year, that the State would soon erect another hospital in the western part of the Commonwealth, and that ours must remain for a number of years with only such improvements as could be made with the means within the control of the Trustees, they have spent much time in devising the best mode of expending the funds in the hands of their Treasurer, which have grown out of small balances of accounts from year to year.

The Trustees first made two bowling alleys in the basement of the south end of the building. These have been a source of great amusement, and some improvement in health to many; especially when the weather was such as to prevent exercise abroad.

From an examination of several hospitals, and other institutions for the insane, and by inquiries of superintendents, the Trustees became satisfied that strong rooms, enclosed by brick walls and iron gratings, ought but rarely, if ever, to be used, and were dangerous temptations to the officers of such institutions, as a mode of avoiding trouble from violent patients. There were thirty-six such rooms in this Hospital—twenty-four of which the Trustees have caused to be removed, and in their places have been made four large, airy, and handsome parlors or sitting-rooms, finished in a plain but neat style, and commanding extensive views abroad, where the better part of the patients can sit quietly and read or amuse themselves. The six strong rooms remaining in the female department have none of them been occupied during the summer, and those in the male department but rarely. That strong rooms are not often necessary, is proved by the fact, that, in the female department, two small girls of nineteen and twenty years of age, have the superintendence of about a dozen of the most excited patients, and by their resolution and kindness keep them under entire restraint.

The barn on the premises, one hundred feet long and forty feet wide, with high posts, stood within forty feet of the main buildings, greatly exposing them to fire. The piggeries, calculated for the accommodation of one hundred swine, were within about the same distance; in warm weather no care could prevent their becoming a great nuisance. They are all removed to a distance of about twenty rods from the main building, where they are much more commodiously situated than before, and they leave the grounds immediately in the rear of the Hospital in a situation to be easily made nearly as ornamental as they are in front.

The halls in the original building, and in most of the additions which have been made from time to time, were long, narrow, without recesses, and generally dark and gloomy. To remedy these evils, as far as possible, we have, in all the halls, caused recesses to be made on the sides affording the best light, by taking away the partitions between two rooms, and between the rooms and the hall, and throwing an arch over the front to sustain the halls above. These recesses are sixteen feet wide, with two windows in each.

They make the halls comfortably light, and are much occupied by the patients. To partially compensate for the loss of these rooms for lodgings, and to provide associated dormitories for suicidal patients, and those who are afraid to sleep in a room alone, we have caused partitions to be taken out between two rooms in each hall, and have placed three beds in each of the rooms so enlarged.

The before-mentioned improvements are valuable, compared with the expense of them, if pure air, and the comforts and cheerfulness of patients have a tendency to hasten their recovery.

Another more important and more expensive improvement has been commenced, and considerable progress has been made in it—that of warming the building by steam, and forcing ventilation by mechanical power; much in the manner adopted in the hospital at Utica, New York, but with some improvements which the construction of their building did not admit of. Fortunately, our buildings have all been constructed with flues in the walls, by means of which hot or cold air, as the temperature of the weather may require, can be forced into every hall. This will enable us to warm all the air in one large air chamber, and to distribute it as needed in the different apartments. We have much confidence in the success of the plan adopted, and hope we shall be able to carry it through with the funds in our treasury; and we feel the more confidence that we shall be justified in the undertaking, even if we should find it necessary to call on the legislature for a small sum of money when the whole shall be completed, from the fact that a new hospital is soon to be erected in the western part of the State, and if our plan should prove successful, it will enable the committee having that building in charge, so to construct it as to avoid all danger of being under the necessity of making alterations. The experiment (if experiment it is) can be tried with much less hazard here than in a new building. Another important feature attending this improvement, grows out of the present arrangements for cooking, and our exposure to fire. When the original building was erected, a kitchen and apparatus for cooking, sufficient for the patients who could be accommodated in it, were provided. There have since been added, at different times, four wings, with a kitchen to each of

them—making five separate kitchens, with their several accommodations for cooking—thus occasioning a great waste of fuel and labor, and additional exposure to fire.

We have so located the preparations for warming and ventilation, that a kitchen may be erected in the rear of the centre building sufficiently large for the whole establishment, and in which the cooking can be principally done by the same steam which warms the halls. This would greatly reduce the amount of fuel now consumed, and would remove all the fires from the main buildings. This, with the improvements now in progress, the Trustees are confident would render the existing Hospital as safe and convenient as the construction of the buildings will admit of—and they hope, satisfactory to the community. But they have not the means of carrying out this suggestion, and must leave it to the discretion of the legislature.

The Trustees, in closing their Report, regret to be under the necessity of stating that Doctor Chandler, who, for the last ten years, has discharged the arduous and difficult duties of Superintendent of the Hospital, has come to the conclusion to retire from the institution. We avail ourselves of this occasion to bear testimony to the fidelity and signal ability with which Doctor Chandler has discharged the duties of his position, and to the great success which has attended his labors during the whole period of his superintendence; and we cannot but regret that the institution is to be deprived of the benefits of his care, skill and ripe experience in a most interesting department of medical science. Doctor Chandler's resignation was presented on the first of October, but to take effect on the first of April next.

The Trustees have appointed Doctor Merrick Bemis, who has been a physician in the Hospital during the last eight years, to be the successor of Doctor Chandler.

REJOICE NEWTON.

LINUS CHILD.

CHARLES H. STEDMAN.

WILLIAM T. MERRIFIELD.

THOMAS COLT.

WORCESTER, December, 1855.

## TREASURER'S REPORT.

*To the Trustees of the State Lunatic Hospital:—*

The Treasurer reports:—

That the balance of cash in his hands on the 30th November, 1854, was, . . . . .	\$7,129 97
Since which time he has received—	
From the Commonwealth, for support of Paupers,	14,305 11
From cities, towns and individuals, for support of patients of various classes, . . . . .	26,082 50
From the Steward, for articles sold, . . . . .	241 37
From the Massachusetts Cotton Mills, in part payment of a note of \$15,000, . . . . .	5,000 00
For interest, . . . . .	955 45
Cash due the Worcester Bank, . . . . .	1,848 41
Balance of cash account due the Treasurer, . . . . .	610 82
	<hr/>
	\$56,173 63

And that during the year ending November 30, 1855, he has paid on the Steward's orders, for expenditures, as follows:—

For Salaries, Wages and Labor, . . . . .	\$9,322 94
Improvements and Repairs, . . . . .	7,074 79
Furniture, . . . . .	1,017 25
Clothing, . . . . .	1,143 82
Flour, 400 barrels, . . . . .	4,668 49
Meal, 206 bushels, . . . . .	264 78
Biscuit, Rice, 2,817 pounds, . . . . .	439 17

Coffee, 3,592 pounds, . . . . .	\$457 91
Tea, 1,479 do . . . . .	497 40
Sugar, 23,097 do . . . . .	1,998 99
Molasses, 893 gallons; Syrup, 85 gallons, . . . . .	251 18
Small Groceries, . . . . .	156 50
Butter, 13,659 pounds, . . . . .	2,820 71
Cheese, 1,054 do . . . . .	112 64
Potatoes, 1,142 bushels, . . . . .	761 76
Fresh Fruits and Vegetables, . . . . .	470 83
Meat, fresh, 29,007 pounds; Tripe, 675 do; Poultry, 1,417 do . . . . .	2,903 91
Meat, salt Beef, 2,339 pounds; Hams, 437 do	1,838 59
Fish, salt, 4,700 pounds; Mackerel, 1,700 do; fresh Fish, 2,003 do; Lobsters, 356 do	441 70
Vinegar, 584 gallons, . . . . .	70 34
Fuel, 203 cords Wood; 33 do Charcoal; 702 tons Hard Coal, . . . . .	5,802 64
Gas Light, 119,700 feet; Oil 190 gallons, . . . . .	569 39
Soap, Starch, and Potash, . . . . .	159 94
Provender, 1,200 bushels, . . . . .	1,217 95
Medical supplies, . . . . .	279 74
Freight, . . . . .	58 33
Trustees' expenses, . . . . .	275 80
Sexton's charges, . . . . .	137 50
Stationery, Books, &c., . . . . .	359 44
Live Stock, . . . . .	135 43
Miscellaneous expenses, . . . . .	776 83
	-----
	\$46,486 69

And on account of improvements in

warming and ventilation, . . . . . \$8,411 69

Treasurer's salary and expenses, . . . . . 588 00

----- 8,999 69

Cash in the hands of the Steward, . . . . . \$187 25

Cash in the hands of John Wright, Esq.,

on account of improvements, . . . . . 500 00

----- 687 25

----- \$56,173 63

## STATE OF THE HOSPITAL FUND.

Amount due for support of patients, Nov. 30, 1855, estimated at . . . . .	\$36,852 80
Note of Massachusetts Cotton Mills, . . . . .	10,000 00
Bond of Worcester and Nashua Railroad Co., . . . . .	500 00
Due from the Steward, . . . . .	187 25
Due from John Wright, Esq., . . . . .	500 00
	—————
	\$48,040 05
 Cash due the Worcester Bank, . . . . .	\$1,848 41
Cash due the Treasurer, . . . . .	610 82
Balance, . . . . .	45,580 82
	—————
	\$48,040 05

Respectfully submitted, by

SAMUEL JENNISON, *Treasurer.*

December 11, 1855.

The subscribers have examined the foregoing account and find the same correctly cast, and properly vouched.

REJOICE NEWTON.  
WM. T. MERRIFIELD.



## SUPERINTENDENT'S REPORT.

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*Twenty-third Annual Report of the Superintendent to the Trustees of the State Lunatic Hospital.*

GENTLEMEN:—This is the tenth time I have had the honor of detailing to you the yearly transactions of this institution. Although the daily routine of duties and events branches off into various departments, there is a great sameness in the general aspect of hospital life from year to year.

In review, the first feature in our history of the past year that presents itself, is the very great preservation of our large family from serious accidents and wasting sicknesses. For this great immunity, we are ever ready to acknowledge the protecting hand above us that aids us in all our efforts for good.

The great alterations that were commenced in the summer, for a more efficient and healthful mode of heating and ventilating, has necessarily increased our cares and our duties, and has interfered to a considerable extent, with the out-door liberty we could give our inmates. But it has been cheerfully submitted to in the anticipation of the luxury it would give us, when completed, of being fanned by it in winter with fresh warm air, and in summer with cool air. This arrangement for heating this hospital will also, I trust, tend to allay the apprehensions of those in charge of the institution of a great share of the danger of being consumed by fire. On this subject our fears have often been keenly alive; the danger of fire has been our greatest source of anxiety in the winter months. The new method of heating will remove all furnaces and stoves from the building; the boiler fires are to be under ground and fifty feet from any part of the hospital. Danger of fire from them can hardly be apprehended. When all the kitchens shall

be merged in a new one, as has been suggested, in the rear of the centre building, all fires will be removed from such parts of the hospital as shall be occupied by the patients. The kitchen and bakery will require an anthracite fire each. Steam can be made to do much of the cooking and all of the heating of water for baths.

The alterations commenced last spring, of making a parlor in each ward, have been nearly completed. These parlors add much to the cheerfulness of the wards. This change in the wards was often talked about by my predecessor, twenty years ago. In the old part of the hospital, the parlors have been made in the same place and in the same way he contemplated. But the obstacle in the way of its being accomplished then, was that the hospital was crowded and the room could not, in his view, be spared. These parlors or recesses, made on the sunny side of the galleries, and midway, by removing the partitions in front of and between two adjoining dormitories, let in light and air, and make a cosy nook for the inhabitants of each ward to assemble in.

In the two upper stories, where there were rooms for the noisy and violent, the partitions have been taken out, and now four spacious rooms are finished off. They will serve for sitting-rooms, parlors for the adjoining wards or work-rooms, or for associated dormitories, if the hospital should again be excessively crowded. Although we have had on the average about fifty patients more than our present accommodations are fitted for, we do not feel the pressure, because it was but a little while ago that we had an excess of more than two hundred and fifty. When we were so badly crowded we felt obliged to occupy every nook and corner of the hospital—the strong rooms even. With a surplus of only fifty, we get along without using our strong rooms much—none for the past year on the female side of the house.

The use of the strong rooms on the male side has been confined to a few patients. The two who have occupied them most, were brought to us almost directly from other hospitals from which they had been ejected. Their personal habits are so noisome, and their mental capacity so limited, that efforts to improve their condition avail so little, we have felt compelled to seclude them in these rooms for the good of others and their

own good too. Other patients have been in these rooms to the amount of one per cent. of our male patients.

The barn and piggery have been moved into the east garden, as you very well know, by your direction, and by the superintendence of some of your Board. They have been put in order; the barn sets up seven feet from the ground, which affords a shelter for the cows and gives room for a deep cellar for vegetables. These buildings are now beyond the reach of offence to the inmates of the hospital.

## TABULAR VIEW

Of the Condition of the Patients in the State Lunatic Hospital from December 1, 1854, to November 30, 1855, inclusive.

No.	Time of Admiss.	Age when admitt.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	! Suicidal.	Homicidal.	Hereditary.	Pauper from Ireland.	Periodical.
1833															
2 Jan.	22	55	Male	Widower	Religious, Intemperance,	17 years	The Court	22 yrs	Remains	Stationary					
27 Feb.	28	36	do	Married	do	5 do	do	22 yrs	Discharged	Improved					
1834.				Single	Unknown,	6 do	do	21 yrs	Remains	Stationary					
209 Apr.	30	29	do	do	Ill health,	5 do	do	19 yrs	do	do					
1836.				Female	do	do	do	6 months	The Friends	18 yrs					
431 May	3	29	do	do	Love affair,	22 years	The Court	7 mths	do	do					
1837.				Male	Loss of property,	do	do	18 yrs	Died	Apoplexy					
582 May	26	27	do	Widower	do	do	do	17 yrs	Discharged	Improved					
680 Dec.	1	61	do	do	do	do	do	17 yrs	Remains	Stationary					
1838.				Female	Unknown,	do	do	16 yrs	do	do					
719 Feb.	15	20	do	do	do	do	do	9 mths	do	do					
876 Dec.	28	24	do	do	do	do	do	8 mths	do	do					
1839.				Male	do	do	do	3 years	do	do					
895 March	1	30	Female	do	do	do	do	16 yrs	The Overseers	16 yrs					
910 Apr.	17	54	do	do	do	do	do	9 years	The Court	16 yrs					
973 Aug.	5	33	Male	do	do	do	do	do	do	do					
1840.				Female	do	do	do	2 months	do	do					
1078 Mar.	28	29	do	do	do	do	do	9 mths	The Overseers	15 yrs					
1092 Apr.	21	26	Female	do	do	do	do	8 mths	The Court	15 yrs					
1144 Aug.	12	50	do	do	do	do	do	4 mths	do	do					
1156 Sept.	4	40	Male	do	do	do	do	3 mths	do	do					
1841.				Married	do	do	do	do	do	do					
1228 March	3	32	do	do	do	do	do	do	do	do					
1239 Apr.	3	32	Female	do	do	do	do	do	do	do					
1252 do	2	31	do	do	do	do	do	do	do	do					
1319 Sept.	15	23	do	do	do	do	do	do	do	do					
1842.				Single	do	do	do	do	do	do					
1390 Jan.	24	29	Male	do	do	do	do	do	do	do					
1409 Feb.	28	30	do	do	do	do	do	do	do	do					
1423 Mar.	30	67	do	do	do	do	do	do	do	do					

1480	July	14	35	Male	Married	Unknown,	3 months	The Court	13 yrs	4 mths	Remains	Stationary	Pauper from Ireland.
1481	do	15	36	Male	Single	do	13 years	do	13 yrs	4 mths	do	do	Hereditary.
1531	Oct.	11	40	Male	do	do	do	do	13 yrs	2 mths	do	do	Pauper from Ireland.
1565	Dec.	7	22	do	do	Masturbation,	3 months	do	13 yrs	do	do	Improved	
1843.													
1583	Jan.	15	28	Female	do	do	6 years	do	12 yrs	11 mths	do	do	
1655	May	18	50	Male	Married	Unknown,	do	do	12 yrs	7 mths	do	do	Pauper from New York.
1696	July	15	35	do	Single	Ill health,	do	do	12 yrs	5 mths	do	do	Maine.
1772	Nov.	16	29	do	Married	Masturbation,	do	do	12 yrs	1 mth	do	do	Periodical.
1877	do	29	60			Pecuniary trouble,	do	do	12 yrs	do	do	do	Ireland.
1844.													
1804	Jan.	9	22	do	Single	Unknown,	do	do	12 yrs	3 mths	do	do	
1846	Apr.	7	44	do	Married	Religious,	do	do	11 yrs	3 mths	do	do	
1873	May	8	27	do	Single	Hard study,	do	do	11 yrs	7 mths	do	do	
1902	June	20	27	do	do	Love affair,	do	do	11 yrs	4 mths	do	do	
1935	Aug.	5	26	Female	do	Unknown,	do	do	11 yrs	4 mths	do	do	
1955	do	27	38	do	Married	do	do	do	11 yrs	2 mths	do	do	
1981	Oct.	2	36	do	do	do	do	do	11 yrs	2 mths	do	do	
1985	do	12	46	do	do	do	do	do	11 yrs	2 mths	do	do	
2014	Dec.	2	31	Male	Single	do	do	do	10 yrs	11 mths	do	do	
2031	do	17	30	do	do	Masturbation,	do	do	10 yrs	11 mths	do	do	
2038	do	26	30	do	do	Unknown,	do	do	10 yrs	11 mths	do	do	
1845.													
2047	Jan.	8	21	do	do	Masturbation,	do	do	9 yrs	11 mths	do	do	
2048	do	9	29	do	do	do	do	do	10 yrs	11 mths	do	do	
2053	do	20	45	do	Married	Intemperance,	do	do	10 yrs	11 mths	do	do	
2083	Mar.	.8	34	do	Single	Hard study,	do	do	10 yrs	9 mths	do	do	
2197	July	22	21	do	do	Masturbation,	do	do	9 yrs	5 mths	do	do	
2220	Aug.	29	28	do	do	Unknown,	do	do	9 yrs	4 mths	do	do	
2229	Sept.	8	27	Female	do	Masturbation,	do	do	9 yrs	3 mths	do	do	
2248	Oct.	1	25	do	do	Unknown,	do	do	9 yrs	2 mths	do	do	
2280	Nov.	3	39	Male	do	Masturbation,	do	do	9 yrs	do	do	do	
2295	do	15	30	Female	Married	Unknown,	do	do	9 yrs	2 years	do	do	
2310	Dec.	5	23	Male	Single	Ill health,	do	do	10 yrs	2 years	do	do	
1846.													
2340	Jan.	23	24	do	do	Unknown,	do	do	9 yrs	11 mths	do	do	
2394	Mar.	31	38	do	Widower	Stimulants,	do	do	9 yrs	9 mths	do	do	
2412	Apr.	18	26	do	Single	Disappointment,	do	do	9 yrs	8 mths	do	do	
2419	May	11	48	do	Married	Unknown,	do	do	9 yrs	7 mths	do	do	
2444	June	10	26	Female	Single	do	do	do	9 yrs	6 mths	do	do	

## TABULAR VIEW—(Continued.)

No. Admiss'n.	Time of admitt.	Age when admitt.	Sex.	Civil condition.	Supposed cause.	Duration before admission.	By whom committed.	Time spent in the hospital.	In what state.	Discharged or Remaining.	Suicidal.			Homicidal.			
											Hereditary.	Pauper from Ireland.	Pauper from Vermont.	Hereditary.	Pauper from Ireland.	Pauper from Periodical.	
1846.																	
2510 Aug.	28	24	Female	Married	Unknown, Jealousy,	10 days	The Court	9 yrs	Pauper from Ireland.	do							
2514 Oct.	5	29	Male	do	Masturbation,	4 months	do	9 yrs	do	do							
2570 Nov.	5	19	do	Single	do	2 years	do	9 yrs	do	do							
1847.																	
2645 April	16	44	Female	Married	Unknown, do	2 months	The Friends	8 yrs	7 mths	do							
2673 May	14	26	Male	Unk'vn	do	Unknown	The Court	8 yrs	6 mths	do							
2687 June	8	35	do	Single	do	9 months	do	8 yrs	6 mths	do							
2740 Aug.	19	28	Female	Married	Opium eating, do	2 years	The Friends	8 yrs	6 mths	do							
2747 Sept.	2	40	do	Single	Paralysis,	10 do	The Court	8 yrs	3 mths	do							
2791 Oct.	18	19	Male	do	Unknown,	18 do	do	8 yrs	1 mth	do							
2802 do	29	27	Female	do	Ill health,	6 months	do	8 yrs	1 mth	do							
2816 Nov.	18	68	do	do	Masturbation,	6 do	The Friends	9 yrs	11 mths	do							
2832 Dec.	9	22	Male	do	Intemperance,	4 years	The Court	7 yrs	11 mths	do							
2839 do	21	43	do	do	do	14 months	Sup. J. Court	7 yrs	11 mths	do							
1848.																	
2860 Jan.	8	37	Female	do	Hard study, Disappointed affection,	1 year	The Friends	7 yrs	10 mths	do							
2875 Feb.	2	51	do	do	Property,	31 do	do	7 yrs	10 mths	do							
2890 do	17	47	do	do	Ill health,	6 months	The Court	8 yrs	10 mths	do							
2914 April	10	29	Male	do	Unknown,	5 do	do	6 yrs	6 mths	do							
2933 May	8	29	Female	Married	do	8 months	do	7 yrs	6 mths	do							
2945 June	1	28	Single	do	do	10 days	The Friends	7 yrs	4 mths	do							
2981 July	11	24	do	do	do	5 years	The Court	7 yrs	2 mths	do							
3040 Sept.	18	30	Male	do	do	3 months	The Friends	7 yrs	1 mth	do							
3065 Oct.	25	30	Female	do	do	28 years	do	7 yrs	7 yrs	do							
3076 Nov.	14	64	Male	Married	do	2 do	do	7 yrs	7 yrs	do							
3085 Dec.	1	37	Female	do	do	12 do	The Court	7 yrs	7 yrs	do							
1849.																	
3114 Jan.	23	30	do	do	do	2 do	do	6 yrs	10 mths	do							
3120 Feb.	9	30	Male	do	Epilepsy,	8 do	The Friends	6 yrs	10 mths	do							
3122 do	10	26	Female	do	Disappointment,	1 do	The Court	6 yrs	10 mths	do							
3125 do	13	57	do	do	Domestic affliction,	6 do	do	6 yrs	10 mths	do							



## TABULAR VIEW—(Continued.)

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed cause.	Duration before admission.	By whom committed.	'Time spent in the Hospital.	In what state.	Discharged or Remaining.	Remains	Stationary	Suicidal.	Homicidal.	Hereditary.	Periodical.	Periodical.
3616	Dec. 31	43	Female	Single	Over doing.	4 months	The Friends	4 yrs 19 mths	Remains	do	Recovered	Stationary					
3623	Jan.	6	45	do	Married	6 years	The Overseers	4 yrs 10 mths	do	do	Recovered	Stationary					
3661	Mar.	3	43	Male	do	1 month	do	4 yrs	2 mths	Remains	do	do					
3704	April	30	22	Male	Single	6 months	Probate Court	4 yrs	5 mths	Remains	do	do					
3714	May	10	28	do	Married	2 do	do	4 yrs	5 mths	Remains	do	do					
3737	June	9	60	do	do	6 weeks	do	4 yrs	5 mths	Remains	do	do					
3748	do	21	58	Female	Widow	3 years	do	4 yrs	5 mths	do	do	do					
3756	do	30	40	Male	Single	Unknown	do	4 yrs	5 mths	do	do	do					
3760	July	3	46	do	Married	do	do	4 yrs	4 mths	do	do	do					
3761	do	3	21	do	Single	do	do	4 yrs	4 mths	do	do	do					
3781	do	28	31	do	do	do	1 week	4 yrs	4 mths	do	do	do					
3785	Aug.	2	27	do	do	do	2 do	4 yrs	3 mths	do	do	do					
3795	do	19	44	Female	do	do	5 years	4 yrs	3 mths	do	do	do					
3798	Aug.	25	30	Male	Unkn'wn	do	20 days	4 yrs	3 mths	do	do	do					
3815	Sept.	12	24	Female	Single	do	2 weeks	4 yrs	2 mths	do	do	do					
3825	Oct.	9	22	do	do	do	3 years	4 yrs	2 mths	do	do	do					
3833	do	18	67	Male	Widower	Religious,	8 weeks	4 yrs	1 mth	do	do	do					
3836	do	22	35	Female	Married	Loss of property,	1 year	4 yrs	1 mth	do	do	do					
3837	do	24	22	do	Single	Unknown,	3 weeks	4 yrs	6 mths	do	do	do					
3857	Nov.	25	40	Male	do	do	6 months	3 yrs	8 mths	do	do	do					
3873	Dec.	12	30	Female	Single	do	14 years	4 yrs	4 years	do	do	do					
3875	do	15	23	Male	do	Epilepsy,	12 do	4 yrs	4 years	do	do	do					
3876	do	15	59	do	do	Unknown,	6 weeks	3 yrs	11 months	do	do	do					
3877	do	16	40	do	do	do	2 do	3 yrs	9 mths	do	do	do					
	1852.									do	do	do					
3891	Jan.	2	43	Male	Single					do	do	do					
3892	do	3	54	Female	Married					do	do	do					
3902	do	21	22	Male	Single					do	do	do					
3920	Feb.	12	22	Female	do					do	do	do					
3925	do	19	23	Male	Widower	Loss of wife,				do	do	do					



TABULAR VIEW—(Continued.)

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed cause.	Duration before admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Hereditary.	Homicidal.	Periodical.
1853.														
4226	Feb.	15	Male	Married	Unknown, Spirit rappings, Unknown, do	4 days	The Overseers Probate Court	10 mths	Discharged	Recovered	Periodical.			
4249	Mar.	11	50	do	Single	1 year	do	18 mths	do	Improved				
4255	do	19	34	Female	Married	2 do	The Overseers Probate Court	9 mths	Remains	Stationary				
4261	do	28	35	do	Turn of life, Unknown, do	3 months	do	2 yrs	Discharged	Improved				
4293	Apr.	28	43	do	Unknown, do	years	Unknown	7 mths	Remains	Not improved				
4295	do	29	45	do	Loss of blood, Masturbation, Unknown, do	3 years	Unknown	6 mths	Discharged	Recovered				
4321	May	27	50	do	Loss of property, Unknown, do	2 months	Court C. Pleas Probate Court	5 mths	Remains	Not improved				
4324	do	27	24	Male	do	1 month	do	2 yrs	do	Stationary				
4328	June	3	23	Female	Married	3 do	do	5 mths	do	Recovered				
4349	do	23	38	do	do	3 days	The Overseers Probate Court	5 mths	Remains	Stationary				
4353	do	27	43	do	do	10 years	do	7 mths	do	do				
4355	do	30	27	do	do	3 months	The Overseers Probate Court	3 mths	do	do				
4388	Aug.	26	56	Male	Fright, do	do	do	3 mths	do	do				
4394	Sept.	1	15	Female	Single	do	Unknown	2 yrs	do	do				
4395	do	2	39	do	do	1 month	Unknown	3 mths	do	do				
4399	do	3	30	do	do	1 week	Probate Court	3 mths	do	do				
4401	do	9	46	Male	Married	do	do	15 mths	Died	do				
4403	do	14	58	do	do	do	do	3 mths	Remains	do				
4405	do	16	19	do	do	8 months	Unknown	2 mths	do	do				
4409	do	20	32	Female	Married	10 do	do	2 yrs	do	do				
4411	do	22	17	do	do	3 weeks	do	2 yrs	do	do				
4412	do	22	46	Male	Married	years	The Overseers Probate Court	2 yrs	do	do				
4414	do	23	33	Female	do	1 year	Court C. Pleas Probate Court	2 yrs	do	do				
4424	Oct.	6	30	Male	do	do	do	11 days	do	do				
4427	do	11	28	Female	Widow	4 years	do	2 yrs	do	do				
4431	do	19	30	do	do	do	do	4 mths	do	do				
4433	do	26	40	do	do	2 months	do	1 yr	do	do				
4436	do	31	46	Male	do	do	Unknown	2 mths	do	do				
4437	Nov.	1	45	do	do	15 years	do	2 yrs	do	do				
4440	do	4	15	Female	do	4 months	do	2 yrs	do	do				
4441	do	7	45	do	do	do	do	18 mths	Died	do				



## TABULAR VIEW—(Continued.)

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remains.	In what state.	Suicidal.	Homicidal.	Hereditary.	Periodical.
1854.														
4587	Apr. 23	51	Female	Married	Unknown, do	2 months	Gov. Warrant	8 mths	Died	Chol. Morbus				
4590	May 5	18	do	Single	Ill health, do	1 year	Probate Court	1 yr	Discharged	Improved				
4593	do	24	do	Married	Lactation, do	6 years	do	1 yr	Remains	Not improved				
4594	do	8	do	Single	Unknown, do	Unknown	do	1 yr	do	do				
4595	do	25	do	do	do	do	do	1 yr	do	do				
4596	do	60	do	do	do	10 years	do	1 yr	do	do				
4601	do	8	do	do	Epilepsy, do	10 years	do	1 yr	do	do				
4601	do	28	do	do	Unknown, do	1 year	do	1 yr	do	do				
4601	do	24	do	do	Epilepsy, do	10 years	do	1 yr	do	do				
4604	do	20	Male	Single	Epilepsy, do	1 year	do	1 yr	do	do				
4604	do	30	do	do	do	do	do	1 yr	do	do				
4607	do	26	do	do	do	do	do	1 yr	do	do				
4612	June 2	20	do	Female	Masturbation, do	2 years	The Overseers	9 mths	do	do				
4613	do	4	do	do	Epilepsy, do	do	Probate Court	9 mths	do	do				
4615	do	7	do	do	Religious, do	do	do	5 mths	do	do				
4621	do	9	do	do	Disappointment, do	do	do	5 mths	do	do				
4623	do	10	do	do	Intemperance, do	do	do	4 mths	do	do				
4624	do	10	do	do	Masturbation, do	do	do	4 mths	do	do				
4627	do	13	do	Female	Loss of daughter, do	do	Probate Court	4 mths	do	do				
4628	do	14	do	do	Unknown, do	do	do	do	do	do				
4629	do	15	do	do	do	do	do	do	do	do				
4633	do	16	do	do	Unk'wn	do	do	do	do	do				
4635	do	21	do	do	Single	do	do	do	do	do				
4636	do	21	do	do	Widow	do	do	do	do	do				
4637	do	22	do	do	Single	do	do	do	do	do				
4638	do	22	do	do	Masturbation, do	do	do	do	do	do				
4640	do	23	do	do	Unknown, do	do	do	do	do	do				
4642	do	21	do	do	do	do	do	do	do	do				
4643	do	22	do	do	do	do	do	do	do	do				
4644	do	23	do	do	do	do	do	do	do	do				
4647	do	21	do	do	do	do	do	do	do	do				
4650	July 3	36	do	do	do	do	do	do	do	do				
4651	do	54	do	do	do	do	do	do	do	do				
4654	do	8	do	do	do	do	do	do	do	do				

Periodical.



## TABULAR VIEW—(Continued.)

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition.	Supposed cause.	Duration before admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.	Periodical.
1854.													
4709	Sept. 19	27	Female	Single	Unknown, do	Unknown	Munic'l Court	1 yr	7 mths	Discharged	Stationary		
4710	do	28	do	do	do	3 days	Probate Court		2 mths	Remains			
4711	do	32	Male	do	Unk'wn	17 years	Munic'l Court		3 mths	Discharged			
4712	do	28	40	do	Married	Unknown	do		4 mths	Recovered			
4713	do	29	50	do	Single	23 years	Probate Court		10 mths	Improved			
4714	do	30	24	do	do	1 week	do		6½ do	Stationary			
4715	Oct. 2	33	Female	do	do	Unknown	Justice of Quo.	1 yr	6 mths	Recovered			
4718	do	3	54	do	Widow	years	Probate Court		6½ do	do			
4720	do	6	17	Male	Single	2 weeks	The Overseers		2 mths	Remains			
4721	do	11	43	do	do	3 years	Probate Court		1½ do	Died			
4722	do	20	40	do	do	Unknown	Munic'l Court		3½ do	Discharged			
4723	do	21	60	do	do	years	Probate Court		4 mths	do			
4724	do	21	37	do	do	3 months	do		3½ do	do			
4725	do	23	28	do	do	6 years	The Overseers	1 yr	1 mth	Recovered			
4726	do	23	26	Female	do	2 months	Probate Court	1 yr	1 mth	do			
4727	do	23	34	do	do	years	do		6½ do	do			
4728	do	24	22	Male	do	9 do	Probate Court	1 yr	1 mth	Died			
4729	do	24	20	do	do	6 months	Exec. Warrant		6½ do	do			
4730	do	25	36	Female	do	Unknown	Probate Court	1 yr	1 mth	Discharged			
4731	do	25	49	do	do	do	do		6½ do	do			
4732	do	25	51	do	do	do	do		3 mths	Remains			
4733	do	25	24	Male	do	years	do	1 yr	1 mth	Died			
4734	do	30	32	do	do	Unknown	Court C. Pleas		2 mths	do			
4735	do	31	25	Female	do	1 month	Probate Court		2 mths	do			
4736	do	31	45	do	do	2 years	do		2 mths	Recovered			
4737	Nov. 6	23	23	Male	do	do	The Overseers		6 mths	do			
4738	do	7	19	Female	do	2 weeks	Probate Court		7 mths	do			
4739	do	8	41	do	do	5 years	The Overseers		10½ do	do			
4740	do	11	32	do	do	3 weeks	Watching sick husband		do	do			
4741	do	16	23	Male	do	5 years	do		14 days	Remains			
4742	do	18	30	do	do	7 do	Court C. Pleas	1 yr	12 days	do			



## TABULAR VIEW—(Continued.)

No.	Time of Admiss'n.	Age when admitted.	Sex.	Civil condition	Supposed cause.	Duration before admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remaining.	Suicidal.	In what state.	Homicidal.	Periodical.
1865.													
4782	Jan.	23	Male	Single	Masturbation, Unknown,	2½ years	Probate Court	11 mths	Remains	Recovered			
4783	do	24	Female	Widow	do	3	do	5 mths	Discharged	do			
4784	do	25	Male	Married	do	do	The Overseers	7½	do	do			
4785	do	27	Male	do	Intemperance,	do	Muncpl. Court	10 mths	do	do			
4786	do	29	do	Single	Ill health,	do	do	do	do	do			
4787	do	30	do	Married	Unknown,	10 months	The Overseers	1½	do	do			
4788	Feb.	2	do	Single	do	do	do	9 mths	do	do			
4789	do	3	Female	do	Intemperance,	do	Court C. Pleas	10 mths	Remains	do			
4790	do	7	Male	Married	Unknown,	do	Gov. Warrant	3½	do	do			
4791	do	12	do	Single	do	1 month	Muncpl. Court	2½	do	do			
4792	do	14	Female	do	do	5 years	Probate Court	10 mths	Remains	do			
4793	do	15	Male	Married	do	do	do	3 mths	Discharged	do			
4794	do	17	Female	do	do	4 do	do	8½	do	do			
4795	do	20	Male	do	do	do	do	10 mths	Remains	do			
4796	do	20	do	Single	do	1 week	do	do	do	do			
4797	do	23	Female	Married	do	4 months	do	4 mths	Discharged	do			
4798	do	24	do	Single	Turn of life,	4 years	do	8 mths	do	do			
4799	do	26	Male	do	Unknown,	6 do	do	10 mths	Remains	do			
4800	do	28	do	do	do	do	do	4 mths	do	do			
4801	Mar.	2	Female	Married	do	do	The Overseers	4 mths	do	do			
4802	do	31	do	do	do	1 year	do	10 mths	Remains	do			
4803	do	6	do	Single	do	2 years	Unknown	4½	do	do			
4804	do	7	do	Married	do	do	Muncpl. Court	5 mths	do	do			
4805	do	8	do	do	do	do	Probate Court	2 mths	do	do			
4806	do	9	do	Hard work,	do	do	do	24 days	Died	do			
4807	do	14	do	do	do	do	do	2 mths	do	do			
4808	do	14	do	do	do	do	do	6 mths	do	do			
4809	do	14	do	do	do	do	do	9 mths	do	do			
4810	do	14	do	do	do	do	do	5½	do	do			
4811	do	14	do	do	do	do	do	9 mths	do	do			
4812	do	17	do	do	do	do	do	5½	do	do			
								9 mths	do	do			
								18 years	do	do			

4813 Mar.	19	Female	Unkn'wn	Unknown,	do	do	Discharged	Stationary	2½ mths
4814	22	do	do	do	do	do	Recovered	do	3 mths
4815	22	do	do	do	do	do	Recovered	do	2 mths
4816	27	do	do	do	do	do	Recovered	do	4 mths
4817	27	do	do	do	do	do	Recovered	do	3 mths
4818	23	do	do	do	do	do	Recovered	do	9 mths
4819	28	do	do	do	do	do	Recovered	do	6 mths
4820	28	do	do	do	do	do	Recovered	do	1 mth
4821	29	do	do	do	do	do	Recovered	do	3 mths
4822	29	do	do	do	do	do	Recovered	do	4 mths
4823	April	2	6	do	do	do	Recovered	do	7 mths
4824	do	3	40	Female	do	do	Recovered	do	8 mths
4825	do	5	40	Male	do	do	Recovered	do	3 mths
4826	do	5	79	Female	Widow	do	Recovered	do	8 mths
4827	do	10	35	do	do	do	Recovered	do	5½ mths
4828	do	10	24	Male	do	do	Recovered	do	1 mth
4829	do	13	35	Female	Widower	do	Recovered	do	5 mths
4830	do	14	74	Male	do	do	Recovered	do	2 mths
4831	do	16	65	Female	Married	do	Recovered	do	1 mth
4832	do	18	41	Male	do	do	Recovered	do	8 mths
4833	do	20	14	Female	Single	do	Recovered	do	3 years
4834	do	21	19	Male	do	do	Recovered	do	9 do
4835	do	25	6	do	do	do	Recovered	do	7 montns
4836	do	26	40	Female	do	do	Recovered	do	1 year
4837	do	26	53	Male	do	do	Recovered	do	7 weeks
4838	do	27	32	do	do	do	Recovered	do	2 mths
4839	do	27	29	Single	do	do	Recovered	do	1 year
4840	do	27	25	Married	do	do	Recovered	do	2 weeks
4841	do	27	25	Female	Single	do	Recovered	do	4 months
4842	do	30	45	Male	do	do	Recovered	do	7 mths
4843	May	1	50	do	do	do	Recovered	do	7 mths
4844	do	3	21	Male	Single	do	Recovered	do	5½ mths
4845	do	4	43	Female	Married	do	Recovered	do	24 days
4846	do	7	21	Male	Single	do	Recovered	do	24 days
4847	do	7	22	Female	Married	do	Recovered	do	24 days
4848	do	8	77	Male	do	do	Recovered	do	7 mths
4849	do	8	74	Female	Single	do	Recovered	do	5 mths
4850	do	14	22	Male	Married	do	Recovered	do	7 mths
4851	do	17	44	do	do	do	Recovered	do	2 mths
4852	do	23	29	do	do	do	Recovered	do	do

## TABULAR VIEW—(Continued.)

No.	Time of Admiss'n.	Age when admitted.	Civil condition.	Supposed cause.	Duration before admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal.	Homicidal.	Hereditary.	Periodical.
1855.													
4853	May	30	59	Female Widow	3 months	Probate Court	7 mths	Remains					
4854	June	7	19	Male Single	5 years	The Overseers	7 mths	do					
4855	do	7	30	Married	1 year	Probate Court	5 mths	Discharged	Stationary				
4856	do	9	49	Female do	6 months	do	7 mths	Remains					
4857	do	11	24	Single	1 week	do	6 mths	do					
4858	do	11	36	Married	Unknown	do	6 mths	do					
4859	do	11	45	Single	2 months	do	6 mths	do					
4860	do	15	47	Married	6 years	The Overseers	1 mth	Discharged	Recovered				
4861	do	15	36	Single	Probate Court	1 mth	Recovered	Remains					
4862	do	18	45	Married	do	do	6 mths	do					
4863	do	19	45	Single	do	do	6 mths	do					
4864	do	21	24	Male Married	Unknown	Probate Court	1½ mths	Discharged	Improved				
4865	do	23	26	do	do	do	6 mths	Remains					
4866	do	25	50	do	30 years	do	2 mths	Discharged	Remains				
4867	do	26	37	Female do	6 months	do	6 mths	do					
4868	July	3	70	Widow	years	do	5 mths	Discharged	Remains				
4869	do	5	20	Single	Unknown	do	3 mths	Recovered	do				
4870	do	5	28	Married	5 years	do	5 mths	Remains					
4871	do	6	45	Female Widow	4 days	do	3 mths	Discharged	do				
4872	do	7	19	Male Single	6 years	do	3 mths	Remains					
4873	do	7	30	Female Married	1 month	do	5 mths	Died	Stationary				
4874	do	10	32	Single	3 years	The Overseers	4½ mths	Remains					
4875	do	10	16	do	6 months	Probate Court	5 mths	Discharged	Recovered				
4876	do	15	49	do	1 week	do	4½ mths	Remains					
4877	do	20	50	Male	2 years	Unknown	4 mths	Died	do				
4878	do	23	62	Female Widow	3 weeks	Court C. Pleas	10 days	Discharged	do				
4879	do	26	58	Married	do	Probate Court	1 mth	Recovered	2 mths				
4880	do	26	37	Widow	do	The Overseers	15 days	do	do				
4881	do	27	39	Married	do	Probate Court	1 mth	Recovered	1 day				
4882	do	27	28	Female Single	do	do	4 mths	Remains	do				
4883	do	27	31	Male do	1 day	do	1 mth	Discharged	do				



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Age when admitted.	Time of admission.	Sex.	Civil condition.	Supposed Cause.	Duration before admission.	By whom committed.	Time spent in the Hospital.	Discharged or Remaining.	In what state.	Suicidal. Hereditary.		Homicidal. Periodical.	
										Periodical.	Hereditary.	Periodical.	Hereditary.
1800.	1800.	Male	Married	Unknown, Puerperal, Unknown,	4 weeks	Probate Court	19 dys	Discharged	Recovered	19 dys	Discharged	Periodical.	
4924 Oct.	4925 do	Female	do	Puerperal, Unknown,	2 years	do	27 dys	Remains	do	9 dys	Remains	Periodical.	
4926 do	10	do	do	Unknown,	4 days	The Overseers	1 mth	21 dys	do	9 dys	do	Periodical.	
4927 do	12	do	Widow	do	do	Probate Court	1 mth	20 dys	do	9 dys	do	Periodical.	
4928 do	13	do	Male	Unk'wn	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4929 do	13	Female	Married	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4930 do	13	do	do	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4931 do	13	do	Male	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4932 do	15	do	do	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4933 do	22	do	Female	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4934 do	22	do	Male	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4935 do	24	do	Female	Single	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4936 do	25	do	do	Married	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4937 do	25	do	do	Single	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4938 do	29	do	Male	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4939 Nov.	30	do	do	Married	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4940 do	3	do	do	Single	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4941 do	6	do	do	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4942 do	15	do	Female	do	do	do	1 mth	18 dys	do	9 dys	do	Periodical.	
4943 do	16	do	do	do	do	do	1 month	1 month	do	14 dys	do	Periodical.	
4944 do	16	do	do	do	do	do	2 do	do	do	14 dys	do	Periodical.	
4945 do	16	do	do	do	do	do	3 do	do	do	14 dys	do	Periodical.	
4946 do	20	do	Female	do	do	do	3 years	4 months	do	10 dys	do	Periodical.	
4947 do	21	do	do	do	do	do	1 year	do	do	9 dys	do	Periodical.	
4948 do	21	do	Male	do	do	do	4 years	do	do	9 dys	do	Periodical.	
4949 do	21	do	do	do	do	do	20 years	do	do	7 dys	do	Periodical.	
4950 do	21	do	Female	do	do	do	Unknown	do	do	6 months	do	Periodical.	
4951 do	23	do	do	do	do	do	6 months	do	do	4 dys	do	Periodical.	
4952 do	26	do	do	do	do	do	do	do	do	3 dys	do	Periodical.	
4953 do	27	do	do	do	do	do	do	do	do	2 dys	do	Periodical.	
4954 do	28	do	do	do	do	do	do	do	do	1 day	do	Periodical.	
4955 do	29	do	do	do	do	do	do	do	do	1 day	do	Periodical.	
4956 do	30	do	do	do	do	do	do	do	do	1 day	do	Periodical.	

## TABLE 1,

*Showing the Admissions from each County the last and previous years.*

				1855.	Previously.	Total.
Barnstable,	:	·	· Males, · 0			
“	:	·	· Females, · 1—	1	120	121
Berkshire,	:	·	· Males, · 5			
“	:	·	· Females, · 2—	7	153	160
Bristol,	:	·	· Males, · 0			
“	:	·	· Females, · 1—	1	280	281
Dukes,	:	·	· Males, · 0			
“	:	·	· Females, · 0—	0	19	19
Essex,	:	·	· Males, · 13			
“	:	·	· Females, · 16—	29	569	598
Franklin,	:	·	· Males, · 1			
“	:	·	· Females, · 1—	2	108	110
Hampden,	:	·	· Males, · 7			
“	:	·	· Females, · 13—	20	252	272
Hampshire,	:	·	· Males, · 6			
“	:	·	· Females, · 1—	7	188	195
Middlesex,	:	·	· Males, · 17			
“	:	·	· Females, · 17—	34	562	596
Nantucket,	:	·	· Males, · 0			
“	:	·	· Females, · 0—	0	31	31
Norfolk,	:	·	· Males, · 0			
“	:	·	· Females, · 2—	2	557	559
Plymouth,	:	·	· Males, · 2			
“	:	·	· Females, · 2—	3	222	226
Suffolk,	:	·	· Males, · 5			
“	:	·	· Females, · 7—	12	527	539
Worcester,	:	·	· Males, · 30			
“	:	·	· Females, · 50—	80	1,159	1,239
Other States,	:	·	· Males, · 0			
“	:	·	· Females, · 0—	0	10	10
				199	4,757	4,956

This table more fully illustrates the fact that the inhabitants of the State nearest to hospitals, avail themselves of their privilege of sending their insane to these institutions, in a very much greater proportion than those do who live more remote. The admissions here from the county in which it is situated, are about one hundred per cent. greater than they are from the same number of people in the western counties, although the habits of life, the liability to insanity, and the means of support are very similar. The crowded residence of the cities and the hazardous employments of the sea-faring people undoubtedly tend to the increase of insanity. A few have come to us the past year, from the south-eastern counties. They were mostly those who had been in this institution at some former period, and preferred coming here.

## TABLE 2,

*Showing the Admissions and State of the Hospital, from Nov. 30, 1854, to Dec. 1, 1855.*

Persons in the Hospital, December 1, 1854, . . . . .	381	Committed on the warrant of the Governor, . . . . .	3
Males, . . . . .	193	Males, . . . . .	2
Females, . . . . .	188	Females, . . . . .	1
Patients admitted in the course of the year, . . . . .	199	—	—
Males, . . . . .	86	Foreigners and those who have no legal settlement in this State, admitted during the year, . . . . .	58
Females, . . . . .	113	Males, . . . . .	22
Whole number in the Hospital in the course of the year, . . . . .	580	Females, . . . . .	36
Males, . . . . .	279	Foreigners and those having no legal settlement in this State, discharged during the year, . . . . .	94
Females, . . . . .	301	Males, . . . . .	36
Patients remaining in the Hospital Nov. 30, 1855, . . . . .	336	Females, . . . . .	58
Males, . . . . .	168	Those having no legal settlement in this State, remaining in the Hospital Nov. 30, 1855, . . . . .	115
Females, . . . . .	168	Males, . . . . .	56
—		Females, . . . . .	59
Of the admissions, there were cases of less duration than one year, . . . . .	72	State Paupers remaining in the Hospital at the end of each year, as near as can be ascertained:—	
Males, . . . . .	27	1842, . . . . .	34
Females, . . . . .	45	1843, . . . . .	38
Of the admissions, there were cases of one year or more, . . . . .	72	1844, . . . . .	38
Males, . . . . .	33	1845, . . . . .	57
Females, . . . . .	39	1846, . . . . .	52
Cases the duration of whose insanity before admission not ascertained, . . . . .	55	1847, . . . . .	121
Males, . . . . .	26	1848, . . . . .	150
Females, . . . . .	29	1849, . . . . .	167
—		1850, . . . . .	181
Patients committed by the Courts, . . . . .	160	1851, . . . . .	208
Males, . . . . .	74	1852, . . . . .	241
Females, . . . . .	86	1853, . . . . .	216
Committed by Overseers, . . . . .	36	1854, . . . . .	151
Males, . . . . .	10	1855, . . . . .	115
Females, . . . . .	26		

CONTINUATION OF TABLE 2.

*Irish.*

TABLE 3,

*Showing the number of Discharges and Deaths, and the condition of those who left the Hospital, from November 30, 1854, to December 1, 1855.*

	Whole No. each Sex.	Total.	Recovered.		Improv'd		Incurable and harmless.		Incurable and dangerous.		Deaths.		Total.
			Each Sex.	Total.	Each Sex.	Total.	Each Sex.	Total.	Each Sex.	Total.	Each Sex.	Total.	
Patients discharged, .	-	244	-	109	-	26	-	71	-	11	-	27	-
Males, .	111	-	50	-	12	-	31	-	5	-	13	-	111
Females, .	133	-	59	-	14	-	40	-	6	-	14	-	133
Recent cases—less than one yr.—discharged, .	-	83	-	77	-	2	-	-	-	-	-	4	-
Males, .	41	-	38	-	1	-	-	-	-	-	2	-	41
Females, .	42	-	39	-	1	-	-	-	-	-	2	-	42
Chronic cases—one yr. or more—discharged, .	-	131	1	24	-	21	-	57	-	9	-	20	-
Males, .	60	-	9	-	10	-	27	-	4	-	10	-	60
Females, .	71	-	15	-	11	-	30	-	5	-	10	-	71
Patients discharged, the duration of whose insanity not ascertained, .	-	30	-	8	-	3	-	14	-	2	-	3	-
Males, .	10	-	3	-	1	-	4	-	1	-	1	-	10
Females, .	20	-	5	-	2	-	10	-	1	-	2	-	20
Totals, .	244	109	26	71	11	27							

TABLE 4,

*Showing the number of Admissions and Discharges and the average number in the Hospital each month in the year.*

			Monthly Av- erage.	Admissions.	Discharges.
December, 1854,	.	.	375	12	23
January, 1855,	.	.	362	18	33
February, "	.	.	356	13	11
March, "	.	.	357	22	24
April, "	.	.	355	20	19
May, "	.	.	354	11	22
June, "	.	.	340	14	20
July, "	.	.	337	20	24
August, "	.	.	336	16	13
September, "	.	.	340	20	16
October, "	.	.	340	15	22
November, "	.	.	336	18	17
Average for the year,		.	349	199	244

## TABLE 5.

*Showing the whole number of Residents during the year, the average number each year, the number at the end of each year, and the Expense of each of the twenty-three years the Hospital has been in operation.*

The year.	Whole No. of residents during the year.	Average No. each year.	No. at the end of each year.	Current expenses each year.	Annual Expenses per patient.
1833	153	107	114	\$12,272 91	\$114 67
1834	233	117	118	15,840 27	135 38
1835	241	120	119	16,576 44	137 30
1836	245	127	138	21,395 28	168 44
1837	306	163	185	26,027 07	159 64
1838	362	211	218	28,739 40	136 20
1839	397	223	229	29,474 41	132 16
1840	391	229	236	27,844 98	121 59
1841	399	233	232	28,847 62	123 81
1842	430	238	238	27,546 87	111 12
1843	458	244	255	27,914 12	114 40
1844	491	261	263	29,278 75	112 17
1845	656	316	360	43,888 65	138 88
1846	637	359	367	39,870 37	111 06
1847	607	377	394	39,444 47	104 62
1848	655	404	409	42,860 05	106 09
1849	682	420	429	40,870 86	97 31
1850	670	440	441	46,776 13	106 40
1851	704	462	466	52,485 33	112 61
1852	775	515	532	43,878 35	85 20
1853	820	537	520	53,636 66	103 14
1854	819	430	381	53,221 52	123 77
1855	580	349	336	54,895 88	157 29

As appearances here now indicate that a change in the current of the finances is taking place, in consequence of the very great expenditure of money for the improvement going on, it may be well to state, for the encouragement of those who shall soon take our places, the prosperity of the institution in this respect, the last nine years. Ten years ago the Treasurer reported that "there had been paid out the sum of \$10,181.02, which is to be met by receipts subsequent to Dec. 1st, 1845, and the current expenses of the hospital are to be paid from the same source." That debt of \$10,000 was a source of much anxiety to the Trustees when the superintend-

ency of the Hospital devolved upon the writer. But, as the institution was full of patients, and the price of their support was at a high point—\$2.50 per week—the way to extricate ourselves seemed obvious—to practice a little economy, and to lop off any useless expenditure. Two of the seven kitchens were soon broken up, their fires went out, and their cooks ceased to draw pay. More than \$500 per annum was saved to the institution, and no patient was affected by the change. Recently two more kitchens have been closed, by which six or eight fires have gone out, and their cooks ceased to draw pay; and with very little trouble the boarders are provided for elsewhere. At least \$1,000 will be saved by this last closing up of kitchens, annually. Economy demands that there should be only one kitchen in this Hospital. It is but a little more labor to prepare, and it takes but a little more fuel to boil, a peck of potatoes, than it does half a peck. By strict economy, the debt was soon paid off, and a surplus began to accumulate, although the price of board was three times lessened by direction of your Board. It was our intention to infringe upon the comforts of the patients in no particular, but in many ways, as may be seen by my former reports, we have added many conveniences for their happiness, and have increased the value of this establishment, as may be supposed, by our after paying

The debt of . . . . .	\$10,181 02
Expending for improvements and repairs, and in	
land, in ten years, more than . . . . .	43,000 00
We have on hand a balance of . . . . .	7,557 27
	—————
	\$60,738 29

The item of expenditure for “improvements and repairs,” in institutions of this kind, when they are kept up with the spirit of the age, will always be large. But nothing like that we have expended here the last nine years.

TABLE 6.

*Showing the Causes of Insanity, and the circumstances connected with the Causes and Predisposition to Insanity the last and previous years, as reported to us by their friends.*

	1855.	Previously.
Ill health, . . . . .	21	605
Intemperance, . . . . .	5	388
Domestic affliction, . . . . .	5	372
Religion, . . . . .	7	285
Masturbation, . . . . .	6	219
Property, . . . . .	2	198
Disappointed affection, . . . . .	3	116
Disappointed ambition, . . . . .	1	39
Epilepsy, . . . . .	4	127
Puerperal, . . . . .	6	147
Wound on the head, . . . . .	2	52
Hard labor, . . . . .	3	63
Jealousy, . . . . .	0	19
Fright, . . . . .	0	32
Palsy, . . . . .	3	37
Periodical cases, . . . . .	16	912
Homicidal cases, . . . . .	10	212
Have committed homicide, . . . . .	0	27
Hereditary cases, . . . . .	15	1,031
Suicidal cases, . . . . .	9	461
Have committed suicide, . . . . .	2	20
Cases arising from physical causes, . . . . .	64	1,661
Cases arising from moral causes, . . . . .	34	1,123

The causes of insanity are permanent and occasional. The permanent causes are such as have been exerting their influence in all time and among all people—as ill health. The occasional causes are such as become endemic in certain nations more or less limited in time and space—as the Tulip Mania of Germany.

Spiritualism of the present day, is of the last class of causes. This singular mental phenomenon, has, for some few years, engaged a part of the minds in this vicinity, and some few cases have been brought to us the past, as well previous years,

arising, it was supposed, from investigating its phenomena and from believing in its supposed truthful revelations of the future state of existence. If it was true that this process of investigation did really open to the mind any knowledge of the world to come, not revealed to us by the Scriptures—which many of its votaries assert and believe—then it would be a cause calculated in the highest degree to engage, excite, and disturb the mind. But it has been said by those best prepared to investigate closely, that the responses through the mediums contain no ideas of this or the next world, that were not then, or had not previously been, in the mind of some one present. It may be a new faculty of the mind, but its field of operations lies this side of the grave.

TABLE 7.

## Duration of insanity before admission:—

Less than 1 year insane, . . . . .	72
More than 1 and less than 2 years insane, . . . . .	14
"    "    2    "    "    5    "    "    . . . . .	25
"    "    5    "    "    10    "    "    . . . . .	18
"    "    10    "    "    15    "    "    . . . . .	7
"    "    15    "    "    20    "    "    . . . . .	2
"    "    20    "    "    25    "    "    . . . . .	2
"    "    25    "    "    30    "    "    . . . . .	0
Over 30 years, . . . . .	4
Unknown, . . . . .	55
	—
	199

## Duration of insanity with those remaining in the Hospital at the end of the year:—

Less than 1 year, . . . . .	15
1 year and less than 2, . . . . .	31
2 years " " 5, . . . . .	45
5 " " 10, . . . . .	70
10 " " 15, . . . . .	38
15 " " 20, . . . . .	38
20 " " 25, . . . . .	14
25 " " 30, . . . . .	5
30 years and more, . . . . .	7
Unknown, . . . . .	73
	—
	336

TABLE 7—Continued.

#### **Ages of Patients when admitted:—**

Under 15 years,	.	.	.	.	.	.	.	2
15 years and less than 20,	.	.	.	.	.	.	.	17
20 "	"	"	30,	.	.	.	.	54
30 "	"	"	40,	.	.	.	.	42
40 "	"	"	50,	.	.	.	.	47
50 "	"	"	60,	.	.	.	.	20
60 "	"	"	70,	.	.	.	.	10
70 "	"	"	80,	.	.	.	.	7
80 years and upwards,	.	.	.	.	.	.	.	0

Ages of Patients in the Hospital November 30, 1855:—

Less than 15 years, .	3
15 years and less than 20,	10
20 " " " 30,	59
30 " " " 40,	87
40 " " " 50,	101
50 " " " 60,	44
60 " " " 70,	19
70 " " " 80;	10
80 years and upwards,	3

#### Civil state of Patients when admitted:—

TABLE 8.

*Diseases that have proved Fatal.*

	1855.	Previously.
Marasmus, .	4	83
Apoplexy and Palsy, .	3	56
Consumption, .	5	62
Epilepsy, .	3	47
Disease of the Heart, .	—	20
Suicide, .	2	20
Disease of the Brain, .	1	20
Typhus Fever, .	—	11
Lung Fever, .	—	22
Hemorrhage, .	—	6
Dysenteric Fever, .	1	9
Cholera Morbus, .	1	4
Inflammation of the Bowels, .	—	8
Mortification of the Limbs, .	—	3
Dropsy, .	1	9
Chronic Dysentery, .	—	5
Erysipelas, .	—	17
Diarrhoea, .	—	19
From Intemperance, .	—	3
Bronchitis, .	—	3
Old Age, .	1	13
Gastric Fever, .	—	5
Land Scurvy, .	—	1
Congestive Fever, .	—	3
Concussion of the Brain, .	—	1
Disease of the Bladder, .	1	1
Fright, .	—	1
Rupture, .	—	1
Maniacal Exhaustion, .	3	56
Convulsions, .	—	2
Cholera, .	—	4
Asthma, .	—	2
Hydrothorax, .	—	3
Cancer, .	1	1
Pleurisy, .	—	1
Jaundice, .	—	2
Chorea, .	—	1
	27	525

TABLE 9.  
*Showing the Statistics of the Hospital from January 18, 1833, to December, 1855.*

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.	1852.	1853.	1854.	1855.
Whole No. admitted, .	153	119	113	125	168	177	179	162	163	198	220	293	220	277	240	261	273	241	263	309	288	299	199
Whole No. discharged, .	39	115	112	106	121	144	168	155	167	191	203	228	196	270	213	246	253	229	238	103	300	438	244
Discharged recovered, .	25	64	52	58	69	76	80	82	88	116	124	124	122	154	103	136	125	111	103	145	122	109	109
Discharged improved, .	7	22	23	23	24	29	27	29	36	32	40	32	32	31	25	31	26	15	38	34	36	53	26
Discharg'd not improv'd, .	2	20	28	22	20	28	27	29	37	66	33	49	25	25	47	57	52	32	50	61	78	229	79
Died, .	4	8	8	8	9	12	15	16	12	15	22	15	24	38	30	37	39	57	39	45	41	34	27
Eloped, .	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3
Whole No. in Hospital course of the year, .	153	233	241	245	306	362	397	391	399	430	458	491	556	637	607	655	682	670	704	775	820	819	580
No. remaining at the end of each year, .	114	118	109	138	185	218	229	236	232	238	255	263	360	367	394	409	429	441	466	532	520	381	336
Males admitted, .	96	68	57	66	94	96	80	75	73	107	111	109	164	138	105	128	134	129	125	148	136	125	86
Females admitted, .	57	51	62	59	74	81	99	87	90	91	90	91	109	127	129	139	133	139	112	138	161	152	174
Males discharged, .	19	58	57	56	65	74	66	59	71	96	92	108	100	128	116	120	120	131	120	111	126	133	198
Females discharged, .	15	48	46	41	47	54	80	81	84	83	89	105	96	142	97	126	122	109	127	117	167	240	119
Males died, .	3	5	4	6	6	10	14	9	7	3	8	9	15	20	18	15	19	29	13	20	21	15	13
Females died, .	1	3	4	2	3	6	8	6	5	9	14	6	9	18	12	15	18	28	26	25	21	19	14
Sent in by Courts, .	109	55	90	117	129	123	106	110	157	152	158	167	143	135	166	206	194	184	259	241	220	220	160
Sent in by friends and overseers, .	44	64	23	8	39	54	56	53	41	68	78	126	134	105	95	67	47	79	50	47	57	36	
Sent in on Governor's warrant, .	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3
Males recovered, .	13	33	27	32	45	32	28	37	44	53	56	64	72	48	67	70	60	56	55	65	55	65	50
Females recovered, .	12	31	25	26	32	31	48	54	45	44	63	68	82	55	69	68	65	55	48	80	77	59	
Av'ge No. in Hosp'tl,	107	117	120	127	163	211	223	229	238	244	261	316	359	377	404	420	440	462	515	520	430	349	

TABLE 10.  
*Per Cent.*

	1833.	1834.	1835.	1836.	1837.	1838.	1839.	1840.	1841.	1842.	1843.	1844.	1845.	1846.	1847.	1848.	1849.	1850.	1851.	1852.	1853.	1854.	1855.	
Per cent. of recovery of recent cases,	-	82	82	84	89	86	90	91	91	91	88	93	89½	79	72	86	84	87	82	77	83	80	92	
Per cent. of recovery of all discharged,	-	54	46	53	57	52	47	53	49	46	59	54	62½	57	49	55	54	54	46	42	46	46	52	45
Percent. of recovery of old cases,	-	20	18	19	25	15	17	22	21	16	29	24	31½	28	17	19	24	21	18	18	24	29	17	
Per cent. of admissions of the most prominent causes each year:—																								
Ill health,	8	18	21	22	21	22	21	28	27	25	23	18	16	15	13	11	17	18	18	17	18	17	10	
Religious,	9	6	7	6	7	6	6	9	5	4	4	9	13	9	10	7	6	4	2	1	3	4	4	
The affections,	14	12	17	16	16	15	16	15	17	13	15	9	10	14	11	12	11	10	8	11	6	2	5	
Property,	7	11	9	6	6	6	6	10	6	5	5	7	3	9	5	3	2	2	3	2	2	2	1	
Intemperance,	25	24	23	15	10	16	8	12	8	6	8	6	8	6	8	7	5	4	3	4	2	4	2	
Masturbation,	5	6	7	16	21	6	8	7	6	4	3	2	6	3	2	2	3	2	2	2	2	4	3	
Per cent. of deaths of all in the Hospital each year,	2.61	3.43	3.31	3.26	2.94	4.42	5.53	3.83	3.	2.79	4.8	3.05	4.31	5.96	4.94	4.58	5.42	8.5	5.53	5.81	5.	5.58	4.6	
Per cent. of deaths of average number of residents each year,	3.7	6.8	6.66	6.3	5.5	7.58	9.86	6.55	5.15	5.	9.	5.74	7.59	10.55	7.95	7.92	9.	12.95	8.	8.73	7.88	7.9	7.7	

The whole number of admissions is 4,956. Of these there have been 2,284 recoveries. The admissions increased gradually, until this year, although accommodations for the insane elsewhere in this State, had been supplied to an extent far beyond any probable increase of the insane. The increase of this malady in the last twenty-three years, was produced by the greater number of exciting topics that have been agitating the public mind. But there has been an apparent increase greater than the real. As the community has acquired more knowledge upon this subject, it has put a more charitable construction upon the unnatural acts of its members, and more readily recognized their delusions, and prepared comfortable quarters for their custody and cure, which has drawn forth from seclusion the unfortunate members of many an afflicted family. The admissions in thirteen and a half years of my predecessor's term of office, were 2,463, and in mine, of nine and a half, 2,493.

The whole number of recoveries is 2,284, which is about forty-six per cent. of the admissions. The per cent. of recoveries the last nine years corresponds almost exactly with that of the first thirteen. The deaths have been about eleven per cent. of the admissions. These results compare favorably with those of similar hospitals in this country and in Europe.

The accommodations for each sex here have always been nearly equal, and the admissions have been so too, while few or none have kept out on account of the sex. The admissions have been, males, 2,451; females, 2,505; which is about the relative proportion of the sexes in the community.

In the moral treatment of the insane we recognize the principle of giving the largest liberty and the greatest freedom from restraint in each case, consistent with the security of the individual and safety of the community. Until our grounds and avenues were obstructed by mechanics and laborers in the prosecution of the changes going on in the institution and about the yards, our patients got out in parties to walk, to play games, to loiter about the grounds and to work in the gardens and fields, in large numbers, every pleasant day. And still, they are out a good deal, and even help some in the improvements. The carriage from the city takes out parties of ladies daily to ride, and games of checkers, cards, chess and ten pins,

are put in requisition day and evening. We have, for reading, a library of miscellaneous books of three hundred volumes, in one of the most quiet wards on each side of the house, besides the one in the centre, for the use of the patients. Of newspapers, we obtain one hundred and fifty copies each week. Editors of the papers in this city lay us under great obligations in this matter ; and the proprietors of the following, have, for years, contributed much towards the happiness of our household, by generously sending their daily or weekly sheets to this hospital.

*From Boston* : The Daily Advertiser, Evening Gazette, Olive Branch, Puritan Recorder, Christian Witness and Church Advocate, Youth's Companion, Zion's Herald, New England Farmer, Monthly Religious Magazine, Prisoner's Friend, Quarterly Journal, &c.

*From Salem* : Observer, Register, Essex County Mercury and Advertiser.

*Taunton* : Taunton Democrat.

*Plymouth* : Old Colony Memorial.

*Utica, N. Y.* : Gospel Messenger.

*Clinton* : The Courant.

*From Worcester* : The Spy, Aegis, Palladium and Daily Transcript.

Mr. Charles Whitney gave us a rich treat in his oratorical impersonations, in the afternoon of Thanksgiving day, in our chapel. Calvin Washburn, Esq., remembered our wants and gave us a large volume of periodicals bound. Mr. Thompson, of the periodical office, has often contributed to our store of reading matters.

Religious services have, for more than seventeen years, been regularly sustained in our chapel ; and, for more than fifteen of it, by our present able and interesting chaplain. These public services have become one of the marked features of the institution, and they could not very well be dispensed with. They present to the insane, by the importance of the subject, and by bringing to mind former associations connected with them, strong and very efficient motives to self-control, for the hour, at least ; they help to break up the monotony of the Sabbath day in our wards, when respect for its observance keeps the inmates from taking recreation out of doors as on week

days, and they impart instruction to all, and consolation to the troubled spirits of many.

Useful manual labor is the best of all means to promote and to secure health. Almost every one might find some kind of employment here, if his wish was to do so. But very many of our household do not, from their peculiar state of mind, feel inclined to work. And yet, about one-half of our patients perform some kind of labor, more or less useful. For plain work, the patients are ready and very efficient. One day this autumn the patients, with one hired man, dug, took off the tops, and put into the cart, four hundred and eighty bushels of carrots. Some are ingenious mechanics. Two have assisted the carpenters most of the season. One gentleman has made all the soft soap—three hundred and fifty barrels a year—and some of the bar soap, for five or six years. He has gathered the materials, made and distributed and attended to the economical use of it. No one can make better soap than he does. Two have made our baskets for years, and have supplied themselves in part with clothing. One female has made pantaloons and vests to supply the demand in our family. The females make the shirts and knit the stockings; they wash and mend; they cook, and they help about all our domestic affairs. The patients do considerable manual labor; but still, there are many idle ones. Some arrangements were contemplated early in the year to introduce whip lash braiding. That is an employment at which many could work, and about which no dangerous weapon need be used. The many alterations that were made in the wards interfered with that project for the time. It is the best employment I can think of to introduce among our patients in-doors.

Some of the results of labor are here presented.

Apples, .	100	bushels, at	\$0 50,	. . . .	\$50 00
Cherries, .	10	"	2 00,	. . . .	20 00
Plums, .	2	"	4 00,	. . . .	8 00
Grapes, .	2	"	4 00,	. . . .	8 00
Corn, sweet,	120	"	. 50,	. . . .	60 00
Beans, .	15	"	2 00,	. . . .	30 00
Peas, .	30	"	1 00,	. . . .	30 00
Beets, .	120	"	25,	. . . .	30 00

Onions, raised 115 bushels, at 50 cents,	. . . . .	\$57 50
Cabbage heads, 800, at 5 cents each,	. . . . .	40 00
Cucumbers, 70 bushels, at 50 cents,	. . . . .	35 00
Turnips, 25 " at 25 "	. . . . .	6 25
Tomatoes, 76 " at 40, "	. . . . .	30 00
Squashes, 3 tons, at 1 cent per pound,	. . . . .	60 00
Potatoes, 300 bushels, at 50 cents,	. . . . .	150 00
Milk, 35,000 quarts, at 4 cents,	. . . . .	1,400 00
Beef, 4,958 pounds, at 8 cents,	. . . . .	396 64
Pork, 19,102 pounds, at 9 cents,	. . . . .	1,719 18
		-----
		\$4,128 57

And there was raised and gathered for the stock, of 1 horse, 2 oxen, 21 cows, and 106 swine,

Hay, 35 tons, at \$20,	. . . . .	\$600 00
Rowen, 4 tons, at \$15,	. . . . .	60 00
Corn fodder,	. . . . .	25 00
Carrots, 1,375 bushels, at 25 cents,	. . . . .	343 75
		-----
		\$1,028 75

On the first of January last, Thomas Hill, the Steward, retired from the services of the institution. He was judicious, correct and attentive to the duties of his office. Since then, Dr. Edward A. Smith has been Steward. He has opened the books, and has established the new system of keeping the accounts, as determined upon by your Board last year. By this system, the several items of expenditure are arranged under separate heads, and are placed in a permanent form, so that each class of expenses or the whole amount may be seen at a glance, from quarter to quarter and from year to year. The labor has been done with great accuracy and in a beautiful style.

My assistants, Drs. Bemis and Smith, have been very efficient. They have been ever ready to assist me in every way, and they have taken full charge of their departments. I do not see how the hospital could spare their services. They are skilful, kind and judicious; and they enter into the spirit of, and adopt whatever is new and valuable in the treatment and management of the insane.

To Miss Reid I am under great obligation. She has had ten years' experience in her present duties, and in providing for the wants of the household, and in her intercourse with our large family. She has rendered valuable service by her great discretion and judgment.

The Supervisors, Mr. and Mrs. Mirick, have identified themselves with the moral management of the insane here, through a service of seventeen years. They have always been very kind and attentive to the patients, and prudent and faithful to every duty.

Of the attendants and assistants, several have remained in the institution many years. They are of the most worthy and respectable class in society. Their duties are peculiar and arduous, although not often laborious. As long as their ambition to do well keeps up, and their patience holds out, the institution is glad to retain them. In conducting the affairs of this hospital sixty-one persons are now employed, which is about two to every eleven of its patients. This is a much larger force than is employed in most hospitals of this kind. Of these, ten men and eighteen women are devoted exclusively to the care of the patients, as attendants and nurses upon their wants, and stay by them day and night. The other persons employed all work with or associate with the patients daily.

Whatever may have been said against this hospital—and most of what has been said about its defects, has been so said as an excuse to make it still better—it has always afforded, and does now, with all the progress made in others, a residence as comfortable and as cheering, and as healthful to the patient, as any similar institution in this country.

Most respectfully,

Your obedient servant,

GEORGE CHANDLER.

WORCESTER, Mass., December 1, 1855.

*List of Trustees from the commencement of the Hospital. The first three were Commissioners for building, and, as such, were appointed in 1830. The five Trustees are appointed every year, in February. The first named in the Commission is ineligible to a reappointment the next year.*

NAMES.	Residence.	When appointed.	When services ended.	In what way services ended.
Horace Mann, . . .	Dedham, . . .	1832,	1834,	Commis'n expired.
Bazaleel Taft, Jr., . . .	Uxbridge, . . .	1832,	1834,	" "
William B. Calhoun, . . .	Springfield, . . .	1832,	1835,	" "
Alfred D. Foster, . . .	Worcester, . . .	1832,	1836,	" "
Francis C. Gray, . . .	Boston, . . .	1832,	1836,	" "
Thomas A. Green, . . .	New Bedford,	1834,	1837,	" "
Thomas Kinnicutt, . . .	Worcester, . . .	1834,	1838,	" "
Horace Mann, . . .	Boston, . . .	1835,	1839,	" "
Emory Washburn, . . .	Worcester, . . .	1836,	1837,	Resigned.
Abraham R. Thompson,	Charlestown,	1836,	1841,	Commis'n expired.
Myron Lawrence, . . .	Belchertown,	1837,	1840,	" "
Stephen Salisbury, . . .	Worcester, . . .	1837,	1840,	" "
Edward D. Bangs, . . .	Worcester, . . .	1838,	1838,	Death.
William Lincoln, . . .	Worcester, . . .	1838,	1840,	Commis'n expired.
Daniel P. King, . . .	Danvers, . . .	1839,	1844,	" "
Alfred D. Foster, . . .	Worcester, . . .	1840,	1842,	" "
Matthew L. Fisher, . . .	Worcester, . . .	1840,	1843,	" "
Henry Gardner, . . .	Boston, . . .	1840,	1845,	" "
Robert Campbell, . . .	Pittsfield, . . .	1841,	1843,	Resigned.
Edwin Conant, . . .	Worcester, . . .	1842,	1844,	" "
H. H. Childs, . . .	Pittsfield, . . .	1843,	1846,	Commis'n expired.
Joseph Sargent, . . .	Worcester, . . .	1843,	1848,	" "
Stephen Salisbury, . . .	Worcester, . . .	1844,	1850,	" "
Stephen C. Phillips, . . .	Salem, . . .	1844,	1851,	" "
Jesse Murdock, . . .	Carver, . . .	1845,	1847,	" "
Thomas F. Plunkett, . . .	Pittsfield, . . .	1846,	1849,	" "
Thomas French, . . .	Canton, . . .	1847,	1848,	Resigned.
Isaac Davis, . . .	Worcester, . . .	1848,	1849,	" "
William Appleton, . . .	Boston, . . .	1849,	1851,	Declined.
Levi Lincoln, . . .	Worcester, . . .	1849,	1852,	Commis'n expired.
Ensign H. Kellogg, . . .	Pittsfield, . . .	1849,	1853,	" "
John S. C. Knowlton, . . .	Worcester, . . .	1850,	1853,	Declined.
Foster Hooper, . . .	Fall River, . . .	1851,	1854,	Commis'n expired.
Samuel G. Howe, . . .	Boston, . . .	1851,	1855,	" "
Rejoice Newton, . . .	Worcester, . . .	1852,	-	" "
Franklin Ripley, . . .	Greenfield, . . .	1853,	1854,	" "
James B. Congdon, . . .	New Bedford,	1853,	1855,	Resigned.
Linus Child, . . .	Lowell, . . .	1854,	-	" "
Henry Morris, . . .	Springfield, . . .	1854,	1855,	Resigned.
Charles H. Stedman, . . .	Boston, . . .	1855,	-	" "
William T. Merrifield, . . .	Worcester, . . .	1855,	-	" "
Thomas Colt, . . .	Pittsfield, . . .	1855,	-	" "

*Persons employed in the State Lunatic Hospital, December 1, 1855.*

Names.	Services began.	Present duties.	Compensation.
George Chandler, . . .	Mar. 28, 1833,	Superintendent,	\$1,800 per ann. board of self & family, services of a girl, and keeping of one horse.
George Allen, . . .	Oct. —, 1840,	Chaplain, . . .	\$600 per ann. and board.
Samuel Jennison, . . .	Mar. —, 1847,	Treasurer, . . .	\$600 per annum.
Edward A. Smith, . . .	Feb. 17, 1848 {	Steward, . . .	\$500 per annum.
Merrick Bemis, . . .	Nov. 15, 1848,	Ass't Physician,	\$200 per ann. and board.
John T. Mirick, . . .	Oct. 20, 1837,	Ass't Physician,	\$700 per ann. and board.
Phebe S. Mirick, . . .	Dec. 26, 1837,	Supervisor, . . }	\$440 per ann. and board.
Emery Wilson, . . .	Mar. 23, 1847,	Cook, . . .	\$17 per mo. and board.
Melissa Wilson, . . .	Mar. 29, 1847,	Cook, . . .	\$2 per week and board.
Elizabeth A. Reid, . . .	Feb. 1, 1848,	Matron, . . .	\$200 per ann. and board.
Lucy B. Gale, . . .	April 8, 1847,	Ironer, . . .	\$2 per week and board.
Sarah A. Carey, . . .	Oct. 28, 1847,	Ironer, . . .	\$2 per week and board.
Nelson B. Gale, . . .	Mar. 31, 1849,	Laundress, . . .	\$17 per mo. and board.
Mary E. Mellen, . . .	May 3, 1849,	Attendant, . . .	\$2.50 per week and board.
Aurelius L. Austin, . . .	Feb. 2, 1850,	Cook, . . .	\$17 per mo. and board.
Lucy Austin, . . .	Feb. 27, 1850,	Cook, . . .	\$2 per week and board.
James Goss, . . .	Jan. 8, 1851,	Baker, . . .	\$400 per ann. and board.
Elizabeth Goss, . . .	Jan. 8, 1851,	Baker, . . .	\$2.50 per week and board.
Melissa A. Phelps, . . .	June 10, 1852,	Attendant, . . .	\$2.50 per week and board.
Luria Howe, . . .	Aug. 10, 1852,	Cook, . . .	\$2 per week and board.
Sarah A. White, . . .	Oct. 5, 1852,	Attendant, . . .	\$2.50 per week and board.
Mason Howe, . . .	Mar. 18, 1853,	Cook, . . .	\$17 per mo. and board.
Lydia H. Carey, . . .	Apr. 12, 1853,	Chamber Girl, . .	\$2 per week and board.
Melinda Hooker, . . .	Dec. 5, 1833,	Attendant, . . .	\$2.50 per week and board.
Abby H. S. Townsend, . . .	June 1, 1853,	Attendant, . . .	\$2.50 per week and board.
Eunice C. Haywood, . . .	Oct. 24, 1853,	Attendant, . . .	\$2.50 per week and board.
Sarah A. Parker, . . .	Nov. 21, 1853,	Attendant, . . .	\$2.50 per week and board.
Charles T. Wheeler, . . .	Jan. 4, 1854,	Farmer, . . .	\$17 per mo. and board.
Jane Learnard, . . .	Jan. 7, 1854,	Attendant, . . .	\$2.50 per week and board.
Thirza L. Green, . . .	Jan. 9, 1854,	Attendant, . . .	\$2.50 per week and board.
Milo W. Abbott, . . .	Feb. 20, 1854,	Attendant, . . .	\$17 per mo. and board.
Amelia L. Bliss, . . .	Mar. 20, 1854,	Attendant, . . .	\$2.50 per week and board.
Albert Grout, . . .	April 1, 1854,	Farmer, . . .	\$17 per mo. and board.
Emma Allen, . . .	April 1, 1854,	Nurse, . . .	\$2 per week and board.
George Kellogg, . . .	Apr. 13, 1854,	Attendant, . . .	\$17 per mo. and board.
Sarah A. Root, . . .	May 15, 1854,	Attendant, . . .	\$2.50 per week and board.
Frank H. Rice, . . .	Oct. 27, 1854,	Clerk, . . .	\$200 per ann. and board.
Mary Temple, . . .	Dec. 23, 1854,	Attendant, . . .	\$2.50 per week and board.
John Ray, . . .	Jan. 1, 1855,	Carpenter, . . .	\$1.50 per day.
David S. Lawrence, . . .	Jan. 24, 1855,	Attendant, . . .	\$16 per mo. and board.
Spencer Child, . . .	Feb. 1, 1855,	Farmer, . . .	\$16 per mo. and board.
Charles S. Dodge, . . .	Feb. 21, 1855,	Attendant, . . .	\$16 per mo. and board.
Hattie Stebbins, . . .	Mar. 14, 1855,	Attendant, . . .	\$2.50 per week and board.
Melissa Stebbins, . . .	Mar. 14, 1855,	Attendant, . . .	\$2.50 per week and board.
Emmons L. Howe, . . .	Mar. 27, 1855,	Cook, . . .	\$16 per mo. and board.
Elisha W. Harkness, . . .	Apr. 10, 1855,	Watchman, . . .	\$16 per mo. and board.
Mary A. Grout, . . .	Apr. 10, 1855,	Attendant, . . .	\$2.50 per week and board.
Alonzo Everett, . . .	Apr. 16, 1855,	Attendant, . . .	\$16 per mo. and board.
Ira X. Haywood, . . .	Oct. 9, 1854,	Laundress, . . .	\$17 per mo. and board.
Edwin B. Johnson, . . .	May 21, 1855,	Attendant, . . .	\$16 per mo. and board.
Lorina Ballou, . . .	June 13, 1855,	Attendant, . . .	\$2 per week and board.
Sarah Ann Dodge, . . .	July 19, 1854,	Cook, . . .	\$2 per week and board.

Names.	Services began.	Present duties.	Compensation.
Elizabeth B. Flood, . . .	Aug. 31, 1855,	Washer, . . .	\$2 per week and board.
Phebe M. Work, . . . .	Aug. 4, 1855,	Cook, . . . .	\$2 per week and board.
Charlotte A. Lawrence, . .	Aug. 24, 1855,	Table Girl, . .	\$2 per week and board.
Newton Howard, . . . .	Oct. 20, 1855,	Attendant, . .	\$16 per mo. and board.
William Lumbard, . . . .	Oct. 27, 1855,	Attendant, . .	\$16 per mo. and board.
Walter F. Weeks, . . . .	Oct. 31, 1855,	Attendant, . .	\$16 per mo. and board.
Martha A. Weeks, . . . .	Oct. 31, 1855,	Seamstress, . .	\$2 per week and board.
Nancy Annah Knights, . .	Nov. 1, 1855,	Attendant, . .	\$2 per week and board.
Mary A. Dickenson, . . . .	Dec. 22, 1855,	Attendant, . .	\$2 per week and board.
Amos Wood, . . . . .	April—, 1832,	Mechanic, . .	\$520 per annum.
Cutler C. Cleveland, . . .	Jan. 14, 1855,	Mason, . . . .	\$1.75 per day.

DECEMBER, 1854.—METEOROLOGICAL OBSERVATIONS made at the State Lunatic Hospital, Worcester, Mass.,  
 Lat. 42° 16' 17", Long. 17° 48' 13".—Elevation, 536 feet.

Days of the month and phase of Moon.	THERMOMETER.				BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
	Corrected and reduced to 32°				10=quite cov- ered			Direction and force. 10=hurricane.			7 A. M. 2 P. M. 9 P. M.			Hour began.				
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour began.	Hour ended.	Inches rain.	Melted snow.	
1	24	27	22	24	29.293	29.289	29.246	0	4	2	N. W.	N. W. <sup>2</sup>	N. W. <sup>4</sup>	—	—	—	—	
2	28	31	20	26	29.214	29.371	29.485	10	2	0	N. W.	N. W. <sup>3</sup>	N. E. <sup>4</sup>	10½ a. m.	—	—	—	
3	15	18	30	21	29.456	29.445	28.860	10	10	10	N. E. <sup>2</sup>	N. E.	N. W.	—	—	—	—	
4	32	27	18	25	28.473	28.344	28.496	10	0	0	N. E.	S. W.	N. W.	—	—	—	—	
5	10	14	12	12	28.670	28.668	28.852	6	2	2	N. W. <sup>4</sup>	N. W.	N. W. <sup>2</sup>	—	—	—	—	
6	9	27	23	19	29.013	28.980	28.977	10	8	2	S. W.	S. W.	S. W.	5 p. m.	—	—	—	
7	19	33	22	28	28.944	28.874	28.927	2	2	2	S. W.	N. W. <sup>2</sup>	N. W. <sup>2</sup>	do.	do.	—	—	
8	16	19	10	15	29.108	29.283	29.524	10	2	0	N. W.	N. W. <sup>2</sup>	S. W.	10 p. m.	—	—	—	
9	9	24	17	15	29.831	29.843	29.991	0	0	0	N. W.	N. W. <sup>2</sup>	N. W.	6½ a. m.	12 m.	—	—	
10	26	40	40	35	29.812	29.734	29.594	3	10	10	S. W.	S. W.	S. W.	—	—	.80	—	
11	34	39	31	34	29.435	29.328	29.390	10	0	2	do.	N. W.	N. W.	—	—	—	—	—
12	22	27	15	24	29.462	29.480	29.542	10	0	0	N. W.	N. W. <sup>2</sup>	N. W.	—	—	—	—	—
13	15	35	33	27	29.493	29.302	29.219	3	6	0	N. W.	N. W. <sup>3</sup>	N. W.	—	—	—	—	—
14	31	42	37	36	29.388	29.387	29.432	8	8	2	S. W.	S. W.	S. W.	—	—	—	—	—
15	27	43	39	36	29.390	29.230	29.210	10	2	3	do.	do.	do.	do.	do.	—	—	—
16	37	55	37	43	29.068	29.027	29.222	10	5	4	N. W. <sup>2</sup>	N. W.	N. W. <sup>4</sup>	7½ a. m.	—	—	—	—
17	17	17	24	20	29.394	29.438	29.390	2	8	10	N. W. <sup>2</sup>	N. W.	N. W. <sup>2</sup>	9 a. m.	—	—	—	—
18	17	17	24	10	29.281	29.215	29.308	10	10	0	N. W.	N. W.	N. W.	—	—	—	—	—
19	4	12	2	6	29.420	29.414	29.479	0	0	0	N. W.	N. E. <sup>5</sup>	N. E. <sup>2</sup>	do.	do.	—	—	—
20	2	14	0	5	29.437	29.371	29.388	6	0	0	N. W.	N. W.	S. W.	—	—	—	—	—
21	6	23	22	17	29.332	29.256	29.408	0	10	0	N. W.	N. W. <sup>4</sup>	S. W.	—	—	—	—	—
22	3	5	5	4	29.691	29.789	29.946	0	10	10	N. W.	N. W. <sup>3</sup>	N. E. <sup>2</sup>	7 a. m.	—	—	—	—
23	5	13	13	10	30.129	30.164	31.111	10	10	10	N. E. <sup>4</sup>	N. E. <sup>2</sup>	N. W.	p. m.	—	—	—	—
24	20	25	23	22	29.804	29.568	29.430	10	2	3	do.	N. W.	S. W.	—	—	—	—	—
25	37	46	38	40	29.453	29.455	29.438	2	2	0	S. W.	S. E.	S. W.	—	—	—	—	—
26	46	44	34	41	29.464	29.570	29.592	2	0	0	N. E.	N. E. <sup>2</sup>	N. E.	a. m.	—	—	—	—
27	35	43	34	37	29.523	29.442	29.430	10	10	10	N. E.	N. E. <sup>2</sup>	N. E.	12 m.	—	—	—	—
28	33	35	34	34	29.487	29.367	29.175	10	10	10	N. E.	N. E. <sup>2</sup>	N. E.	—	—	—	—	—
29	38	34	24	32	29.070	29.250	29.252	10	10	10	N. E.	N. W.	N. W.	do.	—	—	—	—
30	11	20	13	14	29.353	29.334	29.349	10	10	10	N. E. <sup>3</sup>	N. W.	N. W.	do.	—	—	—	—
31	14	28	22	21	29.471	29.532	29.678	0	0	0	N. W. <sup>4</sup>	N. W. <sup>2</sup>	N. W.	—	—	—	—	—
Means,	20.7	31.8	23.4	24.8	29.421	29.346	29.365	6.3	5.6	3.6				.80	2.54=3.34.	Snow, 1½ inches.		

## JANUARY, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Days of the month	BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.
	Corrected and reduced to 32°			10=quite covered			Direction and force. 10=hurricane.			Hour ended.			
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour began.	Inches rain.	Melted snow.
1	14	26	18	19	29.870	29.867	30.003	0	0	N. W. 3	—	—	—
2	14	20	21	18	30.107	30.141	30.170	10	10	N. E. 3	—	—	—
3	24	34	34	30	30.128	30.050	30.066	10	10	S. W.	—	—	—
4	35	41	38	38	29.929	29.859	29.856	10	10	S. W.	—	—	—
5	36	38	29	34	29.952	29.034	29.225	0	0	N. W. 3	N. E. 2	—	—
6	20	24	25	23	29.290	29.251	29.193	10	10	N. W. 3	S. W.	—	—
7	33	49	43	41	29.975	29.834	29.873	10	10	N. W. 3	N. E. 4	1 p. m.	—
8	33	37	28	32	29.137	29.218	29.242	0	0	N. W. 2	S. W.	—	—
9	27	35	34	32	29.113	29.885	29.805	10	10	N. W. 3	N. E. 2	—	—
10	32	24	15	23	29.778	29.877	29.871	0	0	N. W. 4	N. E.	—	—
11	11	25	29	21	29.766	29.565	29.393	10	10	N. W. 4	N. E.	12½ p. m.	—
12	28	39	35	34	29.338	29.244	29.317	0	6	N. E. 2	S. W.	a. m.	—
13	36	46	31	37	29.188	28.946	29.126	10	0	N. W. 4	S. W.	a. m.	—
14	12	14	11	12	29.458	29.614	29.702	0	0	N. W. 4	S. W.	—	—
15	12	27	30	23	29.602	29.491	29.431	10	10	N. W. 2	N. E.	1 p. m.	—
16	26	26	22	24	29.524	29.459	29.633	10	10	S. W.	N. W.	—	—
17	18	25	22	21	29.684	29.630	29.591	10	10	N. W. 2	N. E.	1.75	—
18	27	35	32	31	29.378	29.250	29.033	10	10	S. W.	N. W.	—	—
19	30	29	28	29	28.878	28.817	28.842	10	10	N. E.	N. W.	—	—
20	25	30	27	27	29.110	29.151	29.253	0	0	N. W. 3	N. E. 2	—	—
21	21	29	32	27	29.416	29.450	29.356	10	10	N. W. 2	N. E.	3 p. m.	—
22	53	44	28	41	28.887	28.717	29.317	10	0	N. W. 4	N. E.	5½ p. m.	—
23	21	28	20	29	29.462	29.500	29.608	6	6	N. W. 2	N. E.	p. m.	.10
24	12	25	29	22	29.649	29.541	29.446	10	10	S. W. 2	N. E.	—	—
25	17	26	15	19	29.419	29.378	29.427	0	0	N. W. 3	N. E. 4	a. m.	—
26	20	30	32	27	29.255	28.923	28.591	10	10	S. E. 3	N. E. 2	—	—
27	18	25	18	23	28.705	28.913	29.216	0	4	N. W. 2	N. E. 3	p. m.	—
28	17	28	27	24	29.431	29.488	29.450	6	10	S. W. 2	S. W.	9½ p. m.	—
29	44	48	33	41	29.075	29.072	29.274	10	6	S. E. 2	S. W.	7 a. m.	.04
30	22	30	25	25	29.373	29.367	29.417	0	0	N. W. 3	S. W.	do.	—
31	22	31	29	27	29.454	29.462	29.512	6	2	S. W. 2	S. W. 4	do.	—
Means.	24.5	31.2	27.1	27.5	29.427	29.418	29.449	5.2	6.5	6.3	6.3	7.85	Amount of rain and snow water, .26=.11 inch. Snow, 9 inch.

## FEBRUARY, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

THERMOMETER.	BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.				
	Corrected and reduced to 32° The height of the barometer in feet above sea level	10 = quiet cov- ered	10 = hazy cov- ered	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour began.	Hour ended.	Inches rain.	Melted snow.				
8	1	21	21	19	20	20.283	20.283	2	10	4	N. W. <sup>2</sup>	N. E.	N. W.	11 $\frac{1}{2}$ a. m.			
	2	21	24	26	20	29.368	29.297	0	8	8	N. W.	S. W.	S. W. <sup>2</sup>	9 $\frac{1}{2}$ p. m.			
	3	21	24	15	20	29.099	29.077	3	2	0	S. W.	S. W.	S. W.	a. m.			
	4	7	16	9	20	21.3	29.234	0	2	2	S. W. <sup>2</sup>	N. W. <sup>3</sup>	N. W. <sup>2</sup>	—			
	5	4	14	7	20	29.231	29.316	10	2	0	N. E. <sup>3</sup>	N. W.	do. <sup>2</sup>	a. m.			
	6	6	10	-10	20	333	29.453	29.572	0	0	N. W. <sup>2</sup>	N. W. <sup>2</sup>	do. <sup>3</sup>	do. <sup>3</sup>			
	7	7	1	1	4.5	29	746	29.737	29.593	0	10	N. <sup>3</sup>	N. <sup>3</sup>	N. E. <sup>5</sup>	6 p. m.		
	8	6	14	14	11	29	363	29.218	29.150	10	10	N. E. <sup>4</sup>	do. <sup>5</sup>	do. <sup>6</sup>	—		
	9	9	18	15	15	29	165	29.231	29.306	10	10	do. <sup>3</sup>	N. W. <sup>5</sup>	N. W. <sup>4</sup>	4 p. m.		
	10	10	13	20	13	29	438	29.506	29.568	0	0	N. W. <sup>2</sup>	do. <sup>2</sup>	do. <sup>3</sup>	—		
	11	11	23	18	12.5	29	533	29.491	29.571	0	19	do. <sup>4</sup>	N. W.	N. W. <sup>2</sup>	—		
	12	12	28	18	19	29	617	29.686	29.810	0	0	do. <sup>3</sup>	do.	N. W.	—		
	13	11	30	24	21	29	867	29.638	29.816	6	4	do. <sup>4</sup>	N. E. <sup>4</sup>	N. E. <sup>4</sup>	2 $\frac{1}{2}$ p. m.		
	14	11	-3.5	23	32	29	784	29.587	29.543	10	10	N. E. <sup>4</sup>	do. <sup>4</sup>	do. <sup>5</sup>	—		
	15	14	24	32	36	29	381	29.233	29.118	10	10	N. E. <sup>4</sup>	N. E.	N. E.	a. m.		
	16	15	36	34	37	29	176	29.127	29.227	10	10	N. E.	do.	N. W.	—		
	17	16	39	36	32	29	274	29.230	29.251	10	10	N. W.	N. W. <sup>2</sup>	N. W.	—		
	18	17	33	36	33	29	235	29.181	29.212	6	0	do.	do.	N. W.	—		
	19	18	28	38	32	29	226	29.199	29.262	4	2	0	N. W. <sup>2</sup>	N. W. <sup>2</sup>	—		
	20	19	30	35	29	29	283	29.376	29.381	10	2	0	do. <sup>3</sup>	N. W. <sup>4</sup>	—		
	21	20	27	34	28	29	524	29.574	29.693	1	2	0	do. <sup>3</sup>	do. <sup>2</sup>	—		
	22	21	23	35	30	29	539	29.452	29.376	0	0	N. W.	N. W. <sup>2</sup>	N. W.	—		
	23	22	25	36	33	21	29	361	29.369	29.435	10	2	N. W. <sup>3</sup>	N. W. <sup>2</sup>	N. W.	—	
	24	23	30	31	12	21	9	29	468	29.468	29.475	0	0	do. <sup>2</sup>	N. W.	N. W.	—
	25	24	3	15	10	11	11	29	343	29.192	29.163	0	0	do. <sup>3</sup>	N. W. <sup>3</sup>	do.	—
	26	25	6	17	10	14	16	29	091	29.025	29.124	0	6	do. <sup>3</sup>	N. W. <sup>4</sup>	N. W. <sup>2</sup>	—
	27	26	9	18	16	15	29	141	29.395	29.444	2	2	do. <sup>2</sup>	N. W.	N. W.	—	
	28	27	11	25	18	18	29	533	29.674	29.754	0	0	N. W.	do.	—	—	
Mars.	16	23.5	19.3	18.5	27.397	4	27.367	27.394	27.361	4	47	33	Amount of rain and snow water.	3 50	.98=4.48 inch. Snow, 8 inch.		

## MARCH, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

THERMOMETER.	BAROMETER.				CLOUDS.				WIND.				RAIN AND SNOW.				Inches rain.		Melted snow.	
	Corrected and reduced to 32°				10=quite covered.				Direction and force. 10=hurricane.				Hour began.				Inches rain.		Melted snow.	
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	9 P. M.	Hour ended.	Hour ended.	Hours rain.	Hours snow.
1	11	30	24	21	29.805	29.690	29.752	0	0	0	N. W. <sup>2</sup>	N. W.	—	—	—	—	—	—	—	—
2	24	36	31	30	29.786	29.735	29.691	0	0	0	N. W.	N. W.	—	—	—	—	—	—	—	—
3	33	46	36	38	29.562	29.379	29.320	0	0	0	S. W.	S. W.	—	—	—	—	—	—	—	—
4	33	48	31	37	29.366	29.499	29.672	10	8	0	S. W.	S. W.	do.	do.	do.	do.	6½ p. m.	—	—	—
5	33	49	40	40	29.460	29.274	29.102	2	6	10	S. W.	S. W.	do.	N. W.	N. W.	N. W.	—	—	—	—
6	42	31	38	38	29.127	69.096	29.287	6	2	0	N. W.	N. W.	do.	N. W.	N. W.	N. W.	—	—	—	—
7	20	38	25	27	29.295	29.327	29.357	0	2	0	N. W.	N. W.	do.	N. W.	N. W.	N. W.	—	—	—	—
8	22	33	27	27	29.403	29.397	29.370	0	0	0	S. W.	S. W.	do.	N. W.	N. W.	N. W.	7 a. m.	—	—	—
9	25	40	37	34	29.183	29.050	29.137	10	10	0	N. W.	N. W.	do.	N. W.	N. W.	N. W.	a. m.	—	—	—
10	26	26	24	28	29.171	29.225	29.335	19	0	0	N. E. <sup>5</sup>	N. E.	do.	N. W.	N. W.	N. W.	—	—	—	—
11	24	41	33	32	29.274	29.266	29.232	0	0	0	S. W.	S. W.	do.	N. W.	N. W.	N. W.	5 p. m.	—	—	—
12	33	32	31	32	29.296	29.386	29.460	10	10	10	S. E. <sup>2</sup>	S. E. <sup>2</sup>	do.	N. E. <sup>4</sup>	N. E. <sup>4</sup>	N. E. <sup>4</sup>	—	—	—	—
13	24	34	29	29	29.657	29.585	29.418	10	10	10	N. E. <sup>2</sup>	N. E. <sup>2</sup>	do.	N. W.	N. W.	N. W.	—	—	—	—
14	29	29	22	26	29.416	29.489	29.634	19	10	10	N. E. <sup>2</sup>	N. E. <sup>2</sup>	do.	N. W.	N. W.	N. W.	—	—	—	—
15	20	32	38	30	29.566	29.398	29.275	10	10	10	N. W.	N. W.	do.	N. E. <sup>2</sup>	N. E. <sup>2</sup>	N. E. <sup>2</sup>	a. m.	—	—	—
16	55	44	33	37	29.422	29.469	29.547	10	10	0	N. W.	N. W.	do.	N. W.	N. W.	N. W.	12½ p. m.	—	—	—
17	34	33	33	33	29.598	29.455	29.353	10	10	10	N. W.	N. W.	do.	N. E. <sup>2</sup>	N. E. <sup>2</sup>	N. E. <sup>2</sup>	—	—	—	—
18	34	42	34	36	29.380	29.441	29.496	10	6	0	N. W.	N. W.	do.	N. W.	N. W.	N. W.	—	—	—	—
19	39	31	33	33	29.598	29.543	29.417	0	0	0	N. W.	N. W.	do.	N. W.	N. W.	N. W.	—	—	—	—
20	33	40	26	26	29.431	29.401	29.502	10	0	0	S. W. <sup>2</sup>	S. W. <sup>2</sup>	do.	N. W.	N. W.	N. W.	—	—	—	—
21	22	35	29	28	29.535	29.600	29.697	0	0	0	N. W.	N. W.	do.	N. W.	N. W.	N. W.	—	—	—	—
22	24	27	30	35	29.664	29.519	29.330	10	10	2	S. W. <sup>2</sup>	S. W. <sup>2</sup>	do.	S. W.	S. W.	S. W.	11 a. m.	—	—	—
23	26	37	34	35	29.258	29.114	28.930	0	6	2	N. W. <sup>3</sup>	N. W. <sup>3</sup>	do.	S. W.	S. W.	S. W.	—	—	—	—
24	34	32	17	27	28.851	29.729	29.023	0	10	0	N. W.	N. W.	do.	S. W.	S. W.	S. W.	—	—	—	—
25	17	33	29	26	29.066	29.056	29.122	0	0	0	N. W. <sup>3</sup>	N. W. <sup>3</sup>	do.	S. W.	S. W.	S. W.	—	—	—	—
26	28	32	32	33	29.176	29.149	29.127	0	10	0	N. W. <sup>2</sup>	N. W. <sup>2</sup>	do.	S. W.	S. W.	S. W.	—	—	—	—
27	29	35	25	27	29.047	28.989	29.137	0	0	0	N. W. <sup>2</sup>	N. W. <sup>2</sup>	do.	S. W.	S. W.	S. W.	—	—	—	—
28	25	33	25	27	29.223	29.134	29.149	0	10	0	N. W. <sup>2</sup>	N. W. <sup>2</sup>	do.	S. W.	S. W.	S. W.	—	—	—	—
29	29	39	34	34	29.206	29.176	29.316	4	0	0	N. W. <sup>2</sup>	N. W. <sup>2</sup>	do.	S. W.	S. W.	S. W.	—	—	—	—
30	34	53	43	43	29.363	29.364	29.439	3	0	0	N. W. <sup>2</sup>	N. W. <sup>2</sup>	do.	S. W.	S. W.	S. W.	—	—	—	—
31	36	60	64	53	29.469	29.321	29.236	8	10	2	S. W.	S. W.	do.	S. W.	S. W.	S. W.	—	—	—	—
Means,	28	38.3	31.9	32.4	29.373	29.328	29.324	3	4.8	3	Amount of rain and snow water,	—	—	—	—	—	—	23 inches.	Snow, 4 inches.	—

Days of  
Phases of  
Moon.

## APRIL, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Days of Month	Phases of Moon	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
		Corrected and reduced to 32°			10=quite covered			10=hurricane.			Direction and force.			Hour ended.				
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	N. W.	1 a. m.	11 a. m.	Hour ended.	Inches rain.	Melted snow.	
1	1	38	24	24	35	28.926	28.567	29.080	10	6	0	N. W.	—	—	—	.80	—	Rain.
2	2	20	26	26	24	28.799	28.886	29.076	10	10	0	N. W.	5	—	—	—	—	Snow squalls.
3	3	25	32	32	31	29.295	29.452	29.627	0	0	0	N. W.	6	—	—	—	—	
4	4	30	39	39	47	29.770	29.524	29.728	0	0	0	N. W.	do. <sup>4</sup>	—	—	—	—	
5	5	34	49	42	41	29.658	29.521	29.314	4	6	10	S. W.	N. W.	—	—	—	—	
6	6	38	55	44	42	29.009	29.121	29.144	10	2	10	N. W.	do. <sup>2</sup>	—	—	—	—	Rain.
7	7	32	40	32	34	29.221	29.259	29.350	4	0	0	N. W.	do. <sup>2</sup>	—	—	—	—	Rain.
8	8	35	49	37	40	29.488	29.402	29.470	0	0	0	S. W.	N. W. <sup>2</sup>	—	—	—	—	Rain.
9	9	35	47	37	49	29.488	29.402	29.470	10	0	0	S. W.	S. W.	—	—	—	—	Rain.
10	10	37	50	40	42	29.558	29.494	29.382	0	0	10	N. W.	do.	—	—	—	—	Snow, slight.
11	11	33	37	36	35	29.249	29.149	29.163	10	10	0	N. E.	N. W.	1½ a. m.	6 p. m.	.15	—	Rainbow, 6 P. M. Aurora
12	12	36	43	37	38	29.266	29.397	29.565	10	0	0	N. W.	S. E. <sup>2</sup>	6½ p. m.	—	—	—	Rain.
13	13	36	49	43	42	29.603	29.572	29.628	0	2	3	N. W.	N. W.	a. m.	—	—	—	Snow, slight.
14	14	40	47	44	43	29.555	29.397	29.298	10	0	0	S. W.	S. W.	—	—	—	—	Rain.
15	15	40	47	48	40	29.401	29.386	29.486	10	0	0	N. W.	N. W.	11 a. m.	—	—	—	
16	16	39	64	48	50	29.551	29.608	29.686	0	0	0	N. W.	N. W.	do.	—	—	—	
17	17	46	64	47	52	29.637	29.636	29.624	0	4	10	N. W.	N. W.	7 p. m.	—	—	—	Flower.
18	18	52	66	58	58	29.503	29.428	29.346	0	2	10	N. W.	N. W.	7 p. m.	—	—	—	Trailing Arbutus in
19	19	55	66.5	47	56	29.278	29.280	29.389	0	10	10	N. E. <sup>2</sup>	N. W.	7 p. m.	—	—	—	Rain.
20	20	40	60	45	48	29.592	29.594	29.657	0	0	0	N. W.	N. E. <sup>4</sup>	a. m.	8 p. m.	.40	—	Thunder storm. Violets
21	21	38	57	51	48	29.582	29.494	29.524	6	3	0	S. W.	S. W.	—	—	—	—	Rain.
22	22	38	57	51	48	29.719	29.698	29.689	0	0	0	N. W.	N. W.	—	—	—	—	Frogs peeped.
23	23	45	60	44	49	29.524	29.478	29.461	0	0	0	S. W.	S. W.	—	—	—	—	
24	24	46	67	56	59	29.517	29.495	29.794	0	0	0	N. W.	E.	3 p. m.	7 p. m.	.24	—	
25	25	58	65	44	59	29.677	29.377	29.269	10	10	10	S. E. <sup>2</sup>	S. E.	—	—	—	—	
26	26	41	43	47	43	29.672	29.446	29.639	0	0	0	N. W.	N. W.	—	—	—	—	Lunar halo, 8 P. M.
27	27	45	53.5	42	46.8	29.672	29.644	29.686	0	0	0	N. W.	N. W.	—	—	—	—	Snow. Rain, slight.
28	28	39	50	44	44	29.695	29.718	29.704	10	10	10	S. E.	S. E.	3½ a. m.	—	—	—	Rain, slight.
29	29	33	38	37	40	29.695	29.622	29.554	10	10	10	S. E.	S. E.	do.	—	—	—	
30	30	37	44	40	—	—	—	—	—	—	—	—	—	—	—	—	5.39 inches.	
Means,		38.8	49.5	41.2	43.8	29.462	29.416	29.433	4.4	4.1	4	Amount of rain,						

## MAY, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Date	Barometer	Thermometer.			Clouds.			Wind.			Rain and Snow.					
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour began.	Hour ended.	Inches rain.	Melted snow.	
May 1	41	62	42	48	48	29.395	29.374	29.6 <sup>12</sup>	10	10	10	a. m.	.48	—	Rain.	
2	39	65	44	49	49	29.667	29.574	29.631	10	0	0	—	—	—	Solar halo, A. M.	
3	42	61	50	51	51	29.667	29.536	29.454	0	7	0	—	—	—	Rain, interrupted.	
4	50	59	46	51	51	29.373	29.389	29.344	0	6	10	—	—	—	[Tulips.]	
5	53	59	52	54	54	29.337	29.291	29.366	0	4	0	5½ p. m.	—	—	Cherry tree.	
6	53	68	50	57	57	29.377	29.301	29.218	8	0	0	—	—	—	Rain. Crown imperial.	
7	43	55	44	47	47	29.350	29.306	29.382	4	0	0	—	—	—	Rain and snow. [Winkle.]	
8	41	42	40	41	41	29.320	29.232	29.255	10	10	10	—	—	—	Cowslip, Anemone, Peri-	
9	37.5	41	39	39	39	29.306	29.408	29.510	10	10	10	—	—	—	Missouri Currant.	
10	44	57	44	48	48	29.528	29.492	29.504	8	2	0	—	—	—	Plum tree.	
11	51	65	52	56	56	29.480	29.406	29.441	6	6	6	—	—	—	Rain, interrupted.	
12	51	61	50	57	57	29.452	29.396	29.471	3	4	0	—	—	—	Apple tree.	
13	51	71	57	59	59	29.562	29.496	29.511	0	0	0	—	—	—	Rain.	
14	57	62	57	58	58	29.424	29.433	29.471	6	10	6	—	—	—	—	
15	60	77	64	67	67	29.537	29.405	29.367	10	6	6	1 p. m.	—	—	—	
16	67	77	65	70	70	29.316	29.238	29.239	0	6	6	5 p. m.	—	—	—	
17	63	65	59	59	59	29.354	29.393	29.529	0	0	0	—	—	—	—	
18	59	62	53	60	60	29.645	29.616	29.578	0	0	0	—	—	—	—	
19	53	62	47	54	54	29.532	29.451	29.334	0	10	10	7 p. m.	—	—	—	
20	46	55	50	50	50	29.193	29.095	29.223	10	10	10	a. m.	—	—	—	
21	46	45	46	45	45	29.135	29.165	29.210	0	6	6	—	—	—	—	
22	45	50	45	46	46	29.161	29.321	29.410	10	10	10	—	—	—	—	
23	35	62	47	48	48	29.403	29.432	29.532	10	0	6	—	—	—	—	
24	58	79	62	66	66	29.442	29.353	29.418	0	0	0	6	—	—	—	
25	62	73	59	64	64	29.444	29.385	29.438	0	4	0	N. W.	—	—	—	
26	47	58	47	50	50	29.501	29.379	29.474	0	0	0	N. W.	—	—	—	
27	53	64	53	56	56	29.435	29.356	29.403	0	0	0	N. W.	—	—	—	
28	57	68	53	59	59	29.545	29.498	29.633	0	0	0	N. W.	—	—	—	
29	50	71	54	58	58	29.535	29.778	29.598	2	0	0	S. W.	—	—	—	
30	60	77	62	66	66	29.728	29.698	29.675	0	2	0	S. W.	—	—	—	
31	66	75	61	67	67	29.748	29.690	29.675	0	0	0	S. W.	—	—	—	
Means,	51	63.7	50.9	58	58	29.443	29.415	3.7	3.9	33	—	—	—	—	1.64	inches.
															Amount of rain,	

## JUNE, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Days of Month	Hours of Day	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
		7 A. M.			2 P. M.			9 P. M.			7 A. M.			2 P. M.				
		Corrected and reduced to 32°	10=quite covered	10=hurricane	10=quite covered	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour began.	Hour ended.	Inches rain.	Melted snow.
1	60	71.5	61	34	29.561	29.542	29.517	10	10	10	S. W.	S. W.	S. W.	—	—	—	—	—
2	68	66	63	65	29.504	29.473	29.473	10	10	10	S. E.	S. E.	S. E.	—	—	.35	—	—
3	62	65	69	63	29.371	29.346	29.321	10	10	10	S. W.	S. W.	S. W.	—	—	.15	—	—
4	59	68	52	59	29.249	29.211	29.380	10	0	2	do.	do.	do.	N. W.	N. W.	.15	—	—
5	53	65	52	56	29.389	29.602	29.388	2	0	0	N. W.	N. W.	N. W.	do.	do.	.15	—	—
6	61	70	59	64	29.482	29.462	29.453	0	0	0	S. W.	S. W.	S. W.	6½ a. m.	6½ a. m.	—	—	—
7	56	55	61	64	29.389	29.194	28.936	10	10	10	S. W.	S. W.	S. W.	2 p. m.	2 p. m.	.35	—	—
8	57	64	61	60	29.014	29.098	29.136	0	10	10	N. W.	N. W.	N. W.	a. m.	a. m.	.35	—	—
9	50	66	58	58	29.286	29.281	29.283	6	6	3	N. W.	N. W.	N. W.	10 a. m.	10 a. m.	.65	—	—
10	57	72	62	63	29.272	29.111	29.161	10	2	19	S. W.	S. W.	S. W.	do.	do.	—	—	—
11	69	71	62	64	29.031	29.101	29.306	10	0	0	S. E.	S. W.	S. W.	a. m.	a. m.	.34	—	—
12	49	63	53	55	29.422	29.419	29.516	10	5	2	N. W.	N. W.	N. W.	do.	do.	—	—	—
13	53	66	58	59	29.665	29.494	29.481	2	3	6	S. W.	S. W.	S. W.	1½ a. m.	1½ a. m.	—	—	—
14	63	66	56	61	29.444	29.350	29.336	2	2	2	N. W.	N. W.	N. W.	do.	do.	—	—	—
15	57	66	57	60	29.252	29.131	29.221	10	10	2	S. W.	S. W.	S. W.	do.	do.	—	—	—
16	61	75	67	67	29.318	29.235	29.250	0	2	6	N. W.	N. W.	N. W.	do.	do.	—	—	—
17	60	72	65	65	29.446	29.470	29.542	0	0	0	S. E.	S. E.	S. E.	do.	do.	—	—	—
18	62	69	58	63	29.664	29.653	29.666	0	0	0	N. W.	N. W.	N. W.	3½ p. m.	3½ p. m.	.35	—	—
19	54	65	52	57	29.647	29.581	29.486	6	6	10	S. E.	S. E.	S. E.	do.	do.	—	—	—
20	54	70	65	63	29.374	29.316	29.318	10	10	6	N. W.	N. W.	N. W.	8 a. m.	8 a. m.	.80	—	—
21	64	76	63	67	29.364	29.390	29.422	0	0	0	S. W.	S. W.	S. W.	6½ p. m.	6½ p. m.	.80	—	—
22	68	79	65	70	29.411	29.397	29.240	3	6	10	S. W.	S. W.	S. W.	5 p. m.	5 p. m.	.30	—	—
23	69	76	69	71	29.418	29.487	29.533	0	3	4	S. W.	S. W.	S. W.	do.	do.	.75	—	—
24	66	71	62	66	29.543	29.383	29.411	4	10	10	S. E.	S. E.	S. E.	do.	do.	—	—	—
25	60	68	61	63	29.384	29.388	29.44	10	10	10	S. W.	S. W.	S. W.	do.	do.	—	—	—
26	65	77	65	69	29.53	29.478	29.584	10	2	3	N. W.	N. W.	N. W.	do.	do.	—	—	—
27	71	80	76	75	29.623	29.632	29.612	0	2	0	S. W.	S. W.	S. W.	do.	do.	—	—	—
28	71	77	72	73	29.565	29.462	29.493	6	2	3	N. W.	N. W.	N. W.	do.	do.	—	—	—
29	76	87	81	85	29.450	29.391	29.334	0	0	2	S. W.	S. W.	S. W.	do.	do.	—	—	—
30	84	91	81	85	29.392	29.388	29.374	0	5	2	S. W.	S. W.	S. W.	do.	do.	—	—	—
Means,	63.1	71.2	62.6	64.3	29.442	29.381	29.445	5.3	4.5	4.8	Amount of rain,						4.19 inches.	

## JULY, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Days of Month	THERMOMETER.				BAROMETER.				CLOUDS.				WIND.			RAIN AND SNOW.			Remarks.			
	Corrected and reduced to 32°				10=quite covered.				7 A. M. 2 P. M. 9 P. M.				Direction and force. 10=hurricane.			Hour ended.			Remarks.			
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	S. W.	S. W.	S. W.	S. W.	Hour began.	Hour ended.	Inches rain.	Melted snow.	
1	82	91.5	89	85	29.382	29.344	29.351	0	0	0	29.382	29.326	29.414	S. W.	S. W.	S. W.	S. W.	3½ p. m.	3 a. m.	—	—	Slight shower.
2	79	81.5	79	83	29.337	29.302	29.620	0	4	2	29.337	29.600	29.620	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Slight shower.
3	74	75	75	76.5	29.560	29.502	29.514	0	2	2	29.560	29.502	29.514	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Shower.
4	73	72	76	75	29.598	29.522	29.493	0	8	0	29.598	29.522	29.493	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Fog, A. M. Rain.
5	73	65	63	69	29.510	29.504	29.552	10	6	0	29.510	29.504	29.552	S. W.	S. W.	S. W.	S. W.	3 a. m.	4 p. m.	—	—	Slight shower.
6	73	66	73	68	29.519	29.573	29.671	9	0	0	29.519	29.573	29.671	S. E.	S. E.	S. E.	S. E.	10½ a. m.	10 a. m.	—	—	Shower.
7	78	59	69	66	29.824	29.633	29.641	0	10	10	29.824	29.633	29.641	S. E.	S. E.	S. E.	S. E.	—	—	—	—	Shower.
8	65	62	76	69	29.581	29.518	29.505	0	0	0	29.581	29.518	29.505	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
9	66	62	76	69	29.393	29.410	29.420	10	6	2	29.393	29.410	29.420	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
10	65	62	76	71	29.425	29.389	29.412	0	6	2	29.425	29.389	29.412	S. W.	S. W.	S. W.	S. W.	5 p. m.	10½ p. m.	—	—	Rain.
11	65	73	76	71	29.375	29.294	29.312	2	76	2	29.375	29.294	29.312	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
12	73	82	73	74	29.418	29.492	29.553	2	75	2	29.418	29.492	29.553	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
13	70	82	73	73	29.410	29.370	29.420	0	70	0	29.410	29.370	29.420	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
14	71	77	72	72	29.418	29.492	29.553	2	72	0	29.418	29.492	29.553	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
15	66	68	79	68	29.588	29.770	29.795	0	71	6	29.588	29.770	29.795	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
16	68	80	69	69	29.821	29.670	29.591	4	69	0	29.821	29.670	29.591	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
17	79	88	80	82	29.608	29.541	29.521	0	80	0	29.608	29.541	29.521	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
18	79	87	78	81	29.497	29.489	29.464	2	81	2	29.497	29.489	29.464	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
19	80	91	80	83	29.392	29.283	29.324	3	81	2	29.392	29.283	29.324	S. W.	S. W.	S. W.	S. W.	11 p. m.	11 a. m.	—	—	Rain.
20	70	68	62	66	29.421	29.521	29.573	10	66	0	29.421	29.521	29.573	S. E.	S. E.	S. E.	S. E.	6½ a. m.	11 a. m.	.85	.30	Rain.
21	56	65	59	60	29.612	29.581	29.647	10	60	10	29.612	29.581	29.647	S. W.	S. W.	S. W.	S. W.	1 a. m.	10 a. m.	.30	.30	Rain.
22	59	69	62	66	29.696	29.663	29.697	0	62	2	29.696	29.663	29.697	S. E.	S. E.	S. E.	S. E.	—	—	—	—	Rain.
23	58	64	61	61	29.686	29.651	29.644	10	61	10	29.686	29.651	29.644	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
24	62	67	65	66	29.654	29.645	29.456	19	66	10	29.654	29.645	29.456	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
25	75	84	78	79	29.518	29.440	29.480	3	75	3	29.518	29.440	29.480	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
26	76	84	78	79	29.473	29.261	29.370	4	76	10	29.473	29.261	29.370	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
27	76	72	66	70	29.275	29.338	29.408	0	72	4	29.275	29.338	29.408	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
28	65	72	66	67	29.438	29.428	29.435	2	72	10	29.438	29.428	29.435	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Fog, A. M. Slight shower.
29	63	69	65	65	29.418	29.405	29.455	10	69	0	29.418	29.405	29.455	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain, interrupted.
30	75	82	76	77	29.448	29.407	29.438	10	82	2	29.448	29.407	29.438	S. W.	S. W.	S. W.	S. W.	—	—	—	—	Rain.
31	69	79	75	75	29.410	29.410	29.415	10	79	9	29.410	29.410	29.415	S. W.	S. W.	S. W.	S. W.	2 a. m.	6½ a. m.	.80	.80	Rain.
Means,	69.6	81.3	72	70	29.433	29.502	4.2	4.9	3.4	—	9.40	—	—	—	—	—	—	—	—	—	Amount of rain, inches.	

## AUGUST, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Days of the month. Moons, Phases.	THERMOMETER.				BAROMETER.				CLOUDS.				WIND.				RAIN AND SNOW.				Remarks.
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	10=quite cov- ered.	7 A. M.	2 P. M.	9 P. M.	10=hurricane.	N. E.	S. E.	S. W.	N. W.	Hour began.	Hour ended.	Inches rain.	Melted snow.	
1	72	80	68	73	29.513	29.536	29.585	0	3	2	N. E.	N. W.	—	—	—	—	—	—	—	—	Fog, A. M.
2	64	77	71	74	29.541	29.565	29.780	10	5	0	S. E.	S. W.	—	—	—	—	—	—	—	—	Showers.
3	65	78	69	73	29.801	29.362	29.171	0	0	0	S. E.	S. W.	—	—	—	—	—	—	—	—	Showers.
C	4	67	83	63	29.834	29.835	29.375	8	2	10	N. E.	N. W.	—	—	—	—	—	—	—	—	Showers.
5	64	74	63	67	29.398	29.389	29.323	10	2	6	N. E.	N. W.	—	—	—	—	—	—	—	—	Showers.
6	66	78	67	70	29.281	29.257	29.281	0	2	10	N. W.	N. W.	—	—	—	—	—	—	—	—	Rain.
7	66	77	59	67	29.484	29.675	29.473	0	4	6	do.	N. W.	—	—	—	—	—	—	—	—	Rain, shower.
8	56	68	57	61	29.652	29.121	29.534	0	2	3	do.	S. E.	S. W.	—	—	—	—	—	—	—	—
9	61	79	72	70	29.159	28.969	28.950	10	2	0	N. W.	N. W.	—	—	—	—	—	—	—	—	—
10	66	75	64	68	29.038	29.080	28.918	2	2	2	N. W.	N. W.	—	—	—	—	—	—	—	—	—
11	59	71	65	65	29.442	29.535	29.646	0	0	0	do.	S. E.	S. W.	—	—	—	—	—	—	—	—
12	58	72	59	66	29.739	29.710	29.668	0	2	0	E.	S. W.	—	—	—	—	—	—	—	—	—
13	67	74	74	71	29.541	29.500	29.358	2	6	2	S. W.	N. W.	—	—	—	—	—	—	—	—	—
14	68	77	68	71	29.543	29.535	29.536	0	0	2	N. W.	N. W.	—	—	—	—	—	—	—	—	—
15	62	77	65	68	29.632	29.540	29.385	0	2	3	do.	S. W.	N. W.	—	—	—	—	—	—	—	—
16	69	82	74	75	29.381	29.294	29.294	4	2	0	S. E.	S. W.	—	—	—	—	—	—	—	—	—
17	72	80	67	73	29.198	29.472	29.248	10	10	2	N. W.	N. W.	—	—	—	—	—	—	—	—	—
18	60	68	54	60	29.504	29.561	29.641	0	2	0	do.	N. W.	N. W.	—	—	—	—	—	—	—	—
19	55	64	57	58	29.742	29.756	29.746	0	0	0	S. E.	S. W.	—	—	—	—	—	—	—	—	—
20	55	73	59	65	29.742	29.748	29.743	10	2	0	S. W.	S. W.	—	—	—	—	—	—	—	—	—
D	21	62	76	64	29.714	29.665	29.638	0	0	0	do.	N. W.	N. W.	—	—	—	—	—	—	—	—
22	63	77	72	70	29.624	29.555	29.539	0	2	3	do.	S. E.	S. W.	—	—	—	—	—	—	—	—
23	67	75	71	71	29.418	29.287	29.365	10	10	10	N. W.	N. W.	—	—	—	—	—	—	—	—	—
24	70	80	72	74	29.288	29.288	29.392	0	2	0	do.	S. E.	S. W.	—	—	—	—	—	—	—	—
25	65	75	61	67	29.548	29.600	29.635	0	2	0	S. E.	S. W.	—	—	—	—	—	—	—	—	—
26	58	66	65	63	29.597	29.521	29.593	10	10	10	S. E.	S. W.	—	—	—	—	—	—	—	—	.35
27	57	62	52	57	29.618	29.624	29.606	10	2	2	S. W.	S. W.	—	—	—	—	—	—	—	—	—
28	56	65	51	54	29.610	29.523	29.555	0	0	0	N. W.	N. W.	—	—	—	—	—	—	—	—	—
29	54	70	58	60	29.550	29.433	29.363	0	0	0	do.	N. W.	N. W.	—	—	—	—	—	—	—	—
30	63	65	51	59	29.356	29.516	29.664	0	0	0	do.	N. W.	N. W.	—	—	—	—	—	—	—	—
31	50	66	53	56	29.890	29.764	29.724	0	3	0	do.	N. W.	N. W.	—	—	—	—	—	—	—	—
Means,	63	73.8	63.5	68.5	29.458	29.522	29.462	3	2.6	2.3										4.06	inches.

## SEPTEMBER, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Days of month and year	THERMOMETER.			BAROMETER.			CLOUDS.			WIND.			RAIN AND SNOW.			Remarks.	
	Corrected and reduced to 32°			10=quite cov- ered.			10=hurricane			Direction and force.			Hour ended.				
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	Hour began.	Inches rain.	Melted snow.	
1	58	69	68	65	29.620	29.601	29.491	10	10	10	S. E.	S. E.	S. E.	—	—	—	
2	70	76	65	70	29.508	29.500	29.491	0	0	0	S. W.	S. S. E.	S. S. E.	—	—	—	
3	62	64	56	60	29.547	29.511	29.566	10	10	10	S. W.	S. E.	S. W.	—	—	—	
4	53	64	51	56	29.656	29.664	29.846	0	0	0	N. W.	S. W.	N. W.	—	—	—	
5	53	71	56	60	29.777	29.879	29.767	0	0	0	N. W.	N. W.	N. W.	—	—	—	
6	52	73	56	60	29.755	29.736	29.642	0	0	0	do.	do.	do.	—	—	—	
7	55	74	61	63	29.750	29.686	29.588	0	4	2	S. W.	S. W.	S. W.	—	—	—	
8	55	74	61	73	29.496	29.378	29.372	6	2	0	N. W.	N. W.	N. W.	—	—	—	
9	69	80	72	75	29.380	29.329	29.372	6	6	0	S. W.	S. W.	S. W.	—	—	—	
10	74	83	68	75	29.440	29.417	29.468	0	2	0	N. W.	N. W.	N. W.	—	—	—	
11	61	78	64	67	29.487	29.448	29.508	0	0	0	S. W.	S. W.	S. W.	—	—	—	
12	69	86.5	75	76	29.473	29.444	29.382	0	2	2	do.	do.	do.	—	—	—	
13	78	71	57	68	29.305	29.371	29.343	0	6	2	N. W.	N. W.	N. W.	—	—	—	
14	52	64	52	56	29.741	29.682	29.703	0	2	0	S. W.	S. W.	S. W.	—	—	—	
15	51	67	54	54	29.686	29.586	29.544	6	0	0	S. E.	S. E.	S. E.	—	—	—	
16	62	66	60	62	29.477	29.242	29.428	10	10	0	S. W.	S. E.	S. W.	10 a. m.	—	—	
17	62	78	68	69	29.494	29.463	29.410	10	0	0	S. W.	S. W.	S. W.	—	—	—	
18	70	80	50	66	29.328	29.304	29.443	10	10	0	S. E.	S. W.	S. E.	—	—	—	
19	44	42	40	42	29.585	29.483	29.343	2	0	0	N. W.	N. W.	N. W.	2 p. m.	—	—	
20	44	56	48	49	29.729	29.717	29.640	0	0	0	S. W.	S. W.	S. W.	—	—	—	
21	50	64	55	56	29.581	29.497	29.442	3	10	10	N. W.	N. W.	N. W.	—	—	—	
22	54	63	53	53	29.400	29.386	29.572	6	10	6	do.	do.	do.	—	—	—	
23	52	61	48	53	29.610	29.818	29.722	8	10	10	N. E.	N. E.	N. E.	5 a. m.	—	—	
24	47	60	47	51	29.813	29.652	29.743	0	0	6	S. W.	S. W.	S. W.	—	—	—	
25	46	65	52	54	29.645	29.587	29.495	10	0	0	N. E.	N. E.	N. E.	—	—	—	
26	56	73	62	63	29.402	29.316	29.234	10	0	6	S. W.	S. W.	S. W.	—	—	—	
27	61	63	53	59	29.164	29.206	29.336	10	2	0	N. W.	N. W.	N. W.	—	—	—	
28	46	59	45	46	29.520	29.554	29.650	0	0	0	S. E.	S. E.	S. E.	—	—	—	
29	38	63	48	49	29.750	29.682	29.697	0	0	0	N. W.	N. W.	N. W.	—	—	—	
30	42	70	55	59	29.681	29.848	29.600	6	8	10	S. E.	S. E.	S. E.	—	—	—	
Means,	56.1	68.5	58.2	60.1	29.560	29.534	29.530	4.1	3.8	2.8	Amount of rain,						.20 inches.

## OCTOBER, 1855.—METEOROLOGICAL OBSERVATIONS—Continued.

Days of Month	Barometer	THERMOMETER.				CLOUDS.				WIND.				RAIN AND SNOW.				Remarks.	
		Corrected and reduced to 32°				10=quite covered.				Direction and force.				Hour ended.					
		7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	7 A. M.	2 P. M.	9 P. M.	4 a. m.	Hour began.	Inches rain.	Melted snow.	
C	1	55	60	58	57	29.372	29.377	29.324	10	10	10	S. E.	N. E.	N. E.	—	—	—	—	Rain.
	2	62	63	62	62	29.620	29.144	29.063	10	10	10	N. E.	do.	S. W.	—	8 p. m.	1.35	1.50	Rain, continued.
	3	61	71	62	64	28.988	29.416	29.230	10	3	3	S. E.	S. E.	S. W.	—	—	—	—	Rain, cont., interrupted.
	4	58	55	54	59	29.111	29.023	29.028	10	6	10	S. W.	do.	S. E.	7 p. m.	—	—	—	Rain.
	5	55	72	62	63	29.201	29.328	29.350	0	0	0	do.	do.	do.	12 m.	2½ a. m.	.40	.90	Rain.
	6	62	68	65	65	29.698	29.248	29.075	10	10	10	N. W.	N. W.	N. W.	—	10½ p. m.	—	—	Rain.
	7	49	56	44	49	29.331	29.353	29.422	0	0	0	do.	do.	N. W.	—	—	—	—	Rain.
	8	39	55	44	46	29.475	29.432	29.487	0	4	0	do.	N. E.	N. E.	—	—	—	—	Rain.
	9	42	58	50	50	29.566	29.517	29.542	0	6	6	do.	N. W.	N. W.	—	—	—	—	Rain.
	10	50	60	50	53	29.625	29.597	29.625	0	0	0	do.	N. E.	N. E.	—	—	—	—	Rain.
	11	44	58	52	51	29.653	29.516	29.432	3	6	10	S. W.	S. E.	S. E.	—	—	—	—	Rain.
	12	53	60	53	55	29.360	29.298	29.249	10	10	10	S. E.	do.	N. W.	11 a. m.	—	—	—	Rain.
	13	50	61	40	50	29.211	29.211	29.371	10	0	0	do.	S. W.	S. W.	—	—	—	—	Rain.
	14	35	51	44	43	29.456	29.424	29.429	2	6	10	S. W.	N. W.	N. W.	—	—	—	—	Rain.
	15	39	52	45	45	29.412	29.394	29.440	0	0	0	do.	S. W.	S. W.	—	—	—	—	Rain.
	16	45	57	45	49	29.483	29.462	29.545	0	3	0	do.	N. W.	N. W.	—	—	—	—	Rain.
	17	41	56	36	44	29.545	29.531	29.533	0	0	0	do.	S. E.	S. W.	—	—	—	—	Rain.
	18	38	54	43	45	29.524	29.518	29.467	6	0	0	S. W.	do.	N. W.	—	—	—	—	Rain.
	19	39	64	50	51	29.533	29.497	29.592	4	0	0	do.	S. W.	S. W.	—	—	—	—	Rain.
	20	51	62	57	56	29.393	29.357	29.238	10	6	10	N. E. <sup>2</sup>	N. W.	N. E.	9½ p. m.	—	—	.66	Rain, continued.
	21	55	56	58	48	29.241	29.278	29.326	6	10	6	S. W.	do.	S. E.	8 p. m.	—	—	—	Rain, continued.
	22	56	58	48	50	29.361	29.371	29.488	0	0	10	N. W.	S. E.	N. E.	—	—	—	—	Rain.
	23	38	52	45	47	29.393	29.278	29.461	10	10	10	N. W.	S. W.	N. W.	—	—	—	—	Rain.
	24	39	54	48	39	29.122	29.216	29.349	0	2	0	do.	S. W.	S. W.	—	—	—	—	Rain.
	25	40	43	36	39	29.584	29.537	29.483	0	0	0	N. W.	N. W.	N. W.	4½ a. m.	11 a. m.	.40	—	Rain.
	26	34	46	37	39	29.324	28.958	29.249	0	10	0	N. W.	N. W.	N. W.	7 a. m.	—	—	.20	Squalls.
	27	41	47	37	38	28.885	28.958	29.294	10	0	0	S. E.	do.	do.	—	—	—	—	Rain.
	28	38	41	37	37	29.469	29.342	29.543	0	0	0	N. W.	N. W.	N. W.	—	—	—	—	Rain.
	29	32	46	35	37	29.463	29.340	29.612	10	6	0	S. E.	do.	do.	—	—	—	—	Rain.
	30	44	53	42	46	29.746	29.777	29.760	0	0	0	N. W.	N. W.	N. W.	—	—	—	—	Rain.
	31	42	50	40	44	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Means,		45.7	56.4	48	49.5	29.411	29.360	29.344	4.3	4.4	4.	—	—	—	—	—	8.17	inches.	Amount of rain.

## NOVEMBER, 1855.—METEOROLOGICAL OBSERVATIONS.—Continued.

Days of the month.	THERMOMETER.												CLOUDS.				WIND.				RAIN AND SNOW.				Remarks.	
	Corrected and reduced to 32°				10=quite cov- ered.				Direction and force. 10=hurricane.				Hour began.				Hour ended.				Inches rain.					
	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	Mean.	7 A. M.	2 P. M.	9 P. M.	Mean.	S. W.	N. E.	N. W.	S. E.	N. E.	N. W.	N. E.	N. W.	N. E.	N. W.	N. E.	N. W.		
C	1	40	60	50	50	52	52	50	29.606	29.501	29.439	10	0	9	0	29.427	29.461	29.512	10	10	N. E.	S. W.	N. E.	—	—	
	2	50	60	46	46	46	46	46	29.691	29.671	29.648	10	10	10	10	29.631	29.653	29.760	10	10	do.	N. W.	N. E.	—	—	
	3	42	58	39	39	38	41	45	29.854	29.843	29.827	10	0	10	10	29.778	29.678	29.685	10	10	do.	N. W.	N. E.	—	—	
	4	39	46	60	41	43	43	45	29.648	29.573	29.550	10	10	10	10	29.648	29.573	29.550	10	10	do.	S. E.	S. E.	—	—	
	5	34	40	46	46	47	47	45	29.483	29.425	29.647	10	10	10	10	29.758	29.843	29.843	0	0	do.	N. W.	N. W.	—	—	
	6	40	46	46	46	45	48	48	29.880	29.811	29.742	0	2	0	0	29.880	29.811	29.812	0	9	N. E.	S. W.	N. E.	—	—	
	7	42	49	52	49	56	36	43	29.718	29.661	29.687	10	10	10	10	29.835	29.767	29.622	10	0	N. E.	S. W.	N. E.	—	—	
	8	49	56	56	49	41	41	41	29.583	29.556	29.606	29.605	2	0	0	0	29.663	29.663	29.607	29.547	0	N. E.	S. W.	N. E.	—	—
	9	39	34	49	49	47	47	44	29.735	29.767	29.687	10	10	10	10	29.641	29.641	29.622	10	0	N. E.	S. W.	N. E.	—	—	
	10	42	42	45	45	45	45	45	29.583	29.556	29.606	29.605	2	0	0	0	29.357	29.114	29.369	10	2	N. E.	S. W.	N. E.	—	—
	11	42	43	43	43	45	45	45	40	40	45	42	47	47	49	29.544	29.643	29.568	0	10	N. E.	S. W.	N. E.	—	—	
	12	43	43	45	45	45	45	45	40	40	45	45	46	47	49	29.392	29.492	29.565	10	0	N. E.	S. W.	N. E.	—	—	
	13	40	40	45	45	45	45	45	45	45	45	45	46	47	49	29.487	29.503	29.580	8	19	N. E.	S. W.	N. E.	—	—	
	14	40	45	56	56	56	56	56	45	45	45	45	48	47	53	29.730	29.732	29.587	0	0	N. E.	S. E.	N. W.	—	—	
	15	45	45	56	56	56	56	56	45	45	45	45	48	47	53	29.645	29.382	29.186	10	10	S. E.	N. W.	N. W.	—	—	
	16	50	50	62	62	62	62	62	36	36	36	36	36	36	36	29.487	29.503	29.580	8	19	N. E.	S. E.	N. W.	—	—	
	17	27	31	27	31	27	31	27	28	28	28	28	28	28	24	29.730	29.732	29.587	0	0	N. E.	S. E.	N. W.	—	—	
	18	39	39	39	39	39	39	39	32	32	32	32	32	32	32	29	29	29	24	24	N. E.	S. E.	N. W.	—	—	
	19	28	28	35	35	35	35	35	30	30	30	30	30	30	30	24	24	24	17	17	N. E.	S. E.	N. W.	—	—	
	20	20	20	28	28	28	28	28	24	24	24	24	24	24	24	29	29	29	22	22	N. E.	S. E.	N. W.	—	—	
	21	24	24	31	31	31	31	31	29	29	29	29	29	29	29	21	21	21	17	17	N. E.	S. E.	N. W.	—	—	
	22	25	25	24	24	24	24	24	25	25	25	25	25	25	25	44	44	44	58	58	N. E.	S. E.	N. W.	—	—	
	23	16	16	68	68	68	68	68	21	21	21	21	21	21	21	34	34	34	21	21	N. E.	S. E.	N. W.	—	—	
	24	54	54	27	27	38	38	38	32	32	32	32	32	32	32	42	42	42	43	43	N. E.	S. E.	N. W.	—	—	
	25	17	17	38	38	38	38	38	33	33	33	33	33	33	33	43	43	43	37	37	N. E.	S. E.	N. W.	—	—	
	26	43	43	49	49	37	37	37	33	33	33	33	33	33	33	47	47	47	34	34	N. E.	S. E.	N. W.	—	—	
	27	29	29	38	38	38	38	38	34	34	34	34	34	34	34	49	49	49	38	38	N. E.	S. E.	N. W.	—	—	
	28	34	34	36	36	36	36	36	34	34	34	34	34	34	34	23	23	23	23	23	N. E.	S. E.	N. W.	—	—	
	29	31	31	25	25	25	25	25	30	30	30	30	30	30	30	25	25	25	25	25	N. E.	S. E.	N. W.	—	—	
	30	20	20	35	35	35	35	35	30	30	30	30	30	30	30	30	30	30	30	30	N. E.	S. E.	N. W.	—	—	
Means.	35.5	45.	38.	39.	29.500	29.514	29.515	4.9	5.1	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.6	5.85 inches. Amount of rain and snow water,		

## Summary of Meteorological Observations.

1854-5.		Dec.	Jan.	Feb.	March.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Extremes of Thermometer
Mean of Thermometer at .	• { 7 2 9	20.7 31.8 23.4	24.5 31.2 27.1	16. 23.5 19.3	28. 38.3 31.9	38.8 49.5 41.2	51. 63.7 50.9	63.1 71.2 62.6	69.6 81.3 72.	63. 73.8 63.5	56.1 68.5 58.2	45.7 56.4 48.	35.5 45. 38.	-16°.5 91°.5
Mean of Barometer at .	• { 7 2 9	29.421 29.346 29.365	29.427 29.418 29.449	29.384 29.367 29.397	29.373 29.328 29.324	29.462 29.416 29.480	29.443 29.415 29.415	29.442 29.433 29.462	29.520 29.522 29.502	29.458 29.534 29.462	29.560 29.360 29.530	29.411 29.514 29.344	29.500 29.514 29.515	23°.6 44°.7 67°.6
Mean Cloudiness at .	• { 7 2 9	6.3 5.6 3.6	5.2 6.5 6.3	4. 4.7 3.3	3. 4.8 3.	4.4 4.1 4.	3. 3.9 3.3	3.7 3.9 3.3	5.3 4.5 4.8	4.2 4.9 3.4	3. 2.6 2.3	4.1 3.8 2.8	4.9 5.1 5.6	46°.3
Days on which the Wind prevailed from N. half of the compass, .	21 9 5 26	19 11 11 20	26 2 6 22	23 8 3 28	17 11 6 24	21 8 4 27	11 19 5 25	10 21 9 22	15 16 6 25	12 19 11 20	18 13 10 21	19 12 12 18	Total Days, . . . . .	
Inches of Rain, . . . . .	.80 2.54 15½	7.85 .26 9.	3.50 .98 8.	— .23 4.	5.39 — —	1.64 — —	4.19 — —	9.40 — —	4.06 — —	.20 — —	8.17 — —	5.85	Total inches, . . . . .	
“ of Snow Water, . . . . .														51.04 { 4.01 } 55.05
“ of Snow, . . . . .														.38.50 . . . . .

*Amount of Rain and Snow registered at the State Lunatic Hospital, Worcester, Mass., for Fourteen Years.*

YEAR.	December.	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	Total.
	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.	Inches.
1841-2,	4.77	6.	1.35	5.	4.13	3.	2.24	4.	4.93	—	3.24	—	.83
1842-3,	5.30	26.	5.05	2.	4.45	30.	5.23	10.	1.73	—	1.25	—	3.36
1843-4,	2.28	23.	3.14	13.5	1.44	12.	3.80	18.5	1.92	—	3.39	—	5.19
1844-5,	2.05	8.	4.17	12.	2.61	20.	3.29	10.	3.23	—	2.36	—	7.34
1845-6,	5.39	13.	2.92	13.	2.50	30.	3.33	—	1.34	—	2.44	—	4.44
1846-7,	2.87	9.	4.66	5.	4.08	17.	3.89	8.	1.67	—	5.29	—	2.19
1847-8,	4.93	10.5	3.08	4.5	1.61	25.	3.89	6.	5.82	—	4.20	—	2.87
1848-9,	3.93	25.	.98	2.	1.30	14.5	6.30	3.	1.95	—	1.25	—	7.17
1849-50,	3.12	8.5	4.79	15.	3.23	2.	3.67	20.	5.53	13.	7.50	—	3.75
1850-1,	4.19	23.5	2.07	2.5	4.01	1.5	1.40	18.	6.76	—	3.35	—	3.13
1851-2,	2.30	5.5	5.44	15.5	2.46	11.5	3.42	13.5	10.77	23.	3.15	—	3.19
1852-3,	4.78	4.	3.02	10.	8.09	11.	3.60	8.	4.92	—	4.45	—	4.29
1853-4,	3.79	20.5	2.82	7.5	6.62	15.5	3.45	—	6.69	—	3.05	—	2.49
1854-5,	3.34	15.5	8.11	9.	4.48	8.	5.39	4.	4.19	—	4.19	—	4.11
Sums,	53.14	198.	51.60	116.5	51.01	201.	47.74	139.	55.45	51.	58.96	—	42.65
Means,	3.79	14.1	3.68	8.3	3.64	14.3	3.41	9.9	3.96	3.8	4.21	—	3.36

The above Table, increasing in value as years are added, exhibits the mean quantity of Rain and Snow for each month, the yearly mean, and the amount fallen in each month and year during the past fourteen years.

EDWARD A. SMITH, *Observer*:

## *Flowering Season on the Hospital Hill for Seventeen Years.*

